

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115360.D
 Acq On : 2 Jul 2019 15:02
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 16:25:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 12:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	240823	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	973669	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	473542	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	947465	20.00	ng	0.01
76) Chrysene-d12	13.75	240	596559	20.00	ng	0.02
87) Perylene-d12	15.12	264	637125	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1138357	72.94	ng	0.00
7) Phenol-d6	6.25	99	1377556	72.73	ng	0.00
23) Nitrobenzene-d5	7.18	82	1229136	77.66	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	408971	81.90	ng	0.01
45) 2-Fluorobiphenyl	8.98	172	2139602	76.75	ng	0.01
79) Terphenyl-d14	12.71	244	2445306	87.15	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.19	88	265388	36.033	ng	99
3) Pyridine	2.84	79	732958	35.309	ng	100
4) n-Nitrosodimethylamine	2.80	42	271191	33.324	ng	96
6) Aniline	6.27	93	896426	34.435	ng	91
8) 2-Chlorophenol	6.40	128	665021	37.898	ng	99
9) Benzaldehyde	6.15	77	419615	33.956	ng	96
10) Phenol	6.27	94	770927	34.746	ng	96
11) bis(2-Chloroethyl)ether	6.35	93	594794	36.367	ng	100
12) 1,3-Dichlorobenzene	6.55	146	743556	38.180	ng	97
13) 1,4-Dichlorobenzene	6.62	146	745647	38.182	ng	97
14) 1,2-Dichlorobenzene	6.78	146	690214	38.165	ng	100
15) Benzyl Alcohol	6.76	79	453806	32.902	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	844096	35.584	ng	98
17) 2-Methylphenol	6.88	107	574993	39.698	ng	99
18) Hexachloroethane	7.12	117	263743	37.461	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	417291	34.411	ng	99
20) 3+4-Methylphenols	7.03	107	641034	38.328	ng	98
22) Acetophenone	7.02	105	847668	38.028	ng	98
24) Nitrobenzene	7.20	77	663119	38.028	ng	99
25) Isophorone	7.44	82	1170723	36.106	ng	98
26) 2-Nitrophenol	7.51	139	372730	43.283	ng	99
27) 2,4-Dimethylphenol	7.56	122	511397	36.271	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	753034	36.745	ng	99
29) 2,4-Dichlorophenol	7.76	162	567108	38.975	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	636973	39.632	ng	98
31) Naphthalene	7.92	128	1832136	38.333	ng	100
32) Benzoic acid	7.70	122	321003	31.895	ng	97
33) 4-Chloroaniline	7.97	127	828655	37.936	ng	99
34) Hexachlorobutadiene	8.04	225	349610	39.694	ng	99
35) Caprolactam	8.35	113	187118	38.250	ng	97
36) 4-Chloro-3-methylphenol	8.46	107	574147	38.963	ng	97
37) 2-Methylnaphthalene	8.61	142	1221755	37.912	ng	99
38) 1-Methylnaphthalene	8.71	142	1166372	37.896	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	547896	40.944	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	256747	32.357	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	401329	38.847	ng	98
44) 2,4,5-Trichlorophenol	8.93	196	435919	40.974	ng	96
46) 1,1'-Biphenyl	9.07	154	1427543	37.676	ng	98
47) 2-Chloronaphthalene	9.10	162	1194491	38.865	ng	99
48) 2-Nitroaniline	9.19	65	363202	40.534	ng	98
49) Acenaphthylene	9.51	152	1837547	38.374	ng	100
50) Dimethylphthalate	9.38	163	1390185	39.903	ng	99
51) 2,6-Dinitrotoluene	9.44	165	320109	39.798	ng	97
52) Acenaphthene	9.68	154	1059679	35.365	ng	100
53) 3-Nitroaniline	9.60	138	392113	39.948	ng	99
54) 2,4-Dinitrophenol	9.71	184	174391	45.611	ng	94
55) Dibenzofuran	9.85	168	1579254	36.721	ng	99
56) 4-Nitrophenol	9.77	139	289475	36.786	ng	91
57) 2,4-Dinitrotoluene	9.84	165	429816	41.386	ng	99
58) Fluorene	10.20	166	1127517	38.413	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.97	232	367989	41.250	ng	99
60) Diethylphthalate	10.08	149	1319375	37.674	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	544063	39.090	ng	99
62) 4-Nitroaniline	10.21	138	398511	40.471	ng	96
63) Azobenzene	10.35	77	1208535	36.946	ng	98
65) 4,6-Dinitro-2-methylphenol	10.25	198	224882	44.958	ng	99
66) n-Nitrosodiphenylamine	10.31	169	1107306	37.513	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	399681	38.908	ng	92
68) Hexachlorobenzene	10.74	284	438136	39.294	ng	98
69) Atrazine	10.84	200	372649	39.245	ng	99
70) Pentachlorophenol	10.93	266	280503	39.488	ng	98
71) Phenanthrene	11.15	178	1851520	36.295	ng	99
72) Anthracene	11.20	178	1880745	36.524	ng	100
73) Carbazole	11.35	167	1748880	38.034	ng	100
74) Di-n-butylphthalate	11.70	149	2026200	38.133	ng	100
75) Fluoranthene	12.33	202	1950000	38.312	ng	99
77) Benzidine	12.45	184	944430	35.653	ng	100
78) Pyrene	12.55	202	2008609	43.812	ng	100
80) Butylbenzylphthalate	13.19	149	907463	44.852	ng	98
81) Benzo(a)anthracene	13.74	228	1793481	41.899	ng	100
82) 3,3'-Dichlorobenzidine	13.71	252	641475	41.499	ng	99
83) Chrysene	13.78	228	1703770	43.452	ng	100
84) Bis(2-ethylhexyl)phthalate	13.76	149	1131812	42.693	ng	99
85) Di-n-octyl phthalate	14.37	149	1896090	42.568	ng	100
86) Indeno(1,2,3-cd)pyrene	16.41	276	1430957	30.841	ng	99
88) Benzo(b)fluoranthene	14.75	252	1724411	43.376	ng	99
89) Benzo(k)fluoranthene	14.78	252	1353276	37.958	ng	99
90) Benzo(a)pyrene	15.07	252	1402305	39.136	ng	99
91) Dibenzo(a,h)anthracene	16.43	278	1157515	34.603	ng	99
92) Benzo(g,h,i)perylene	16.80	276	1164581	34.398	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

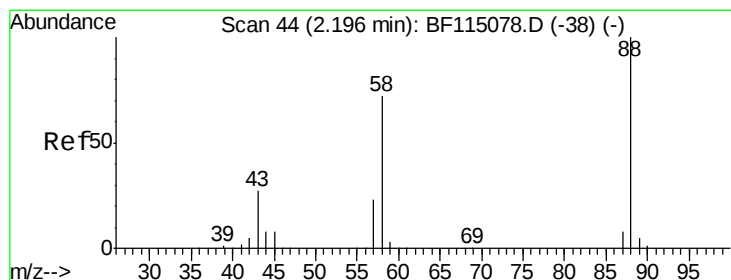
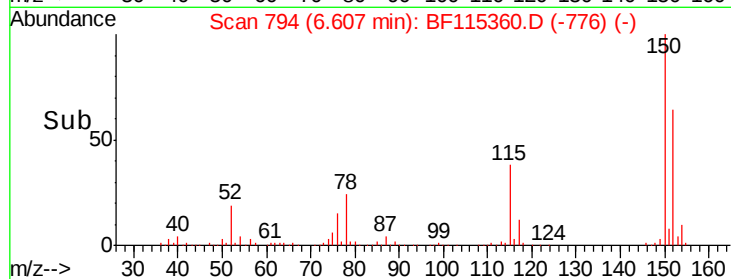
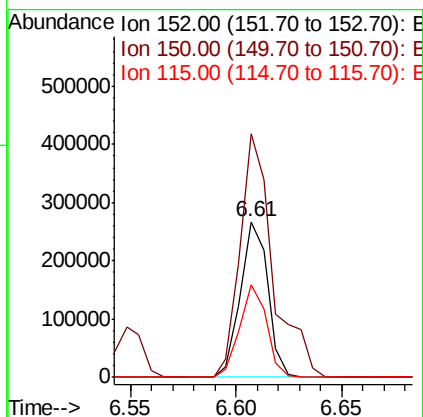
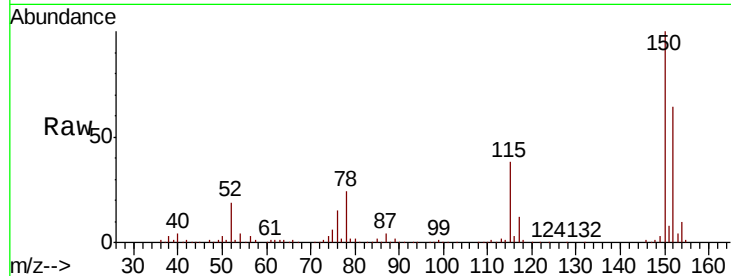


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampled :

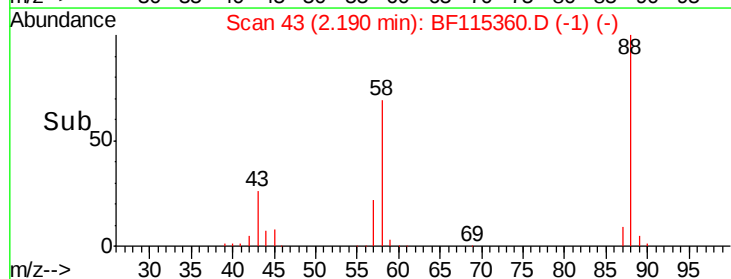
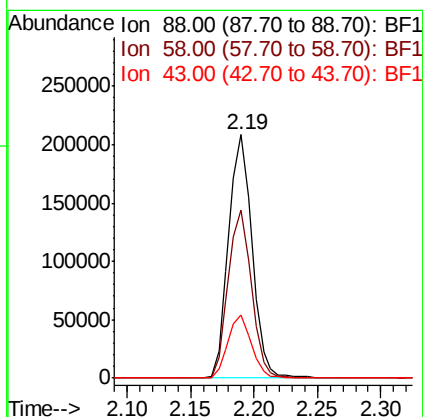
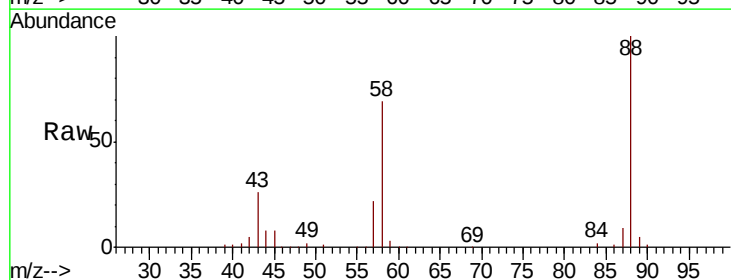
Tot Ion:152 Resp: 240823
Ion Ratio Lower Upper
152 100
150 156.4 125.2 187.8
115 59.1 48.2 72.2

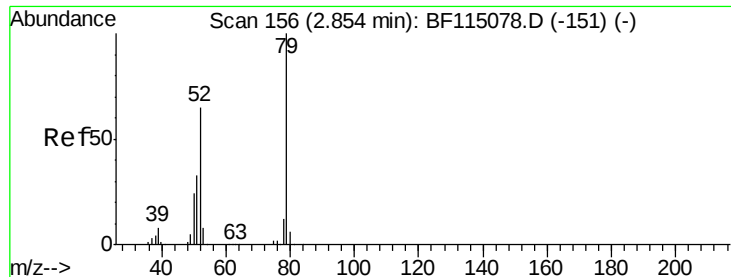


#2

1,4-Dioxane
Concen: 36.033 ng
RT: 2.19 min Scan# 43
Delta R.T. 0.02 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion: 88 Resp: 265388
Ion Ratio Lower Upper
88 100
58 69.1 54.8 82.2
43 26.8 21.0 31.6





#3

Pvridine

Concen: 35.309 ng

RT: 2.84 min Scan# 154

Delta R.T. 0.02 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Instrument :

BNA_F

ClientSampled :

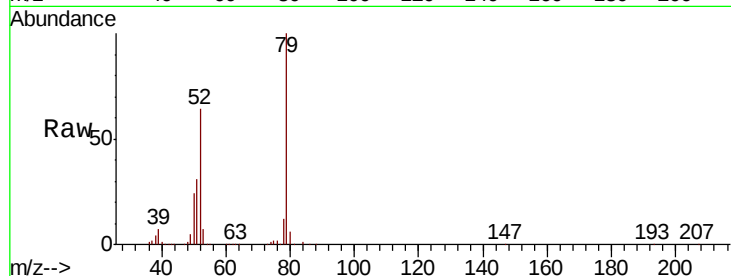
Tot Ion: 79 Resp: 732958

Ion Ratio Lower Upper

79 100

52 63.9 50.9 76.3

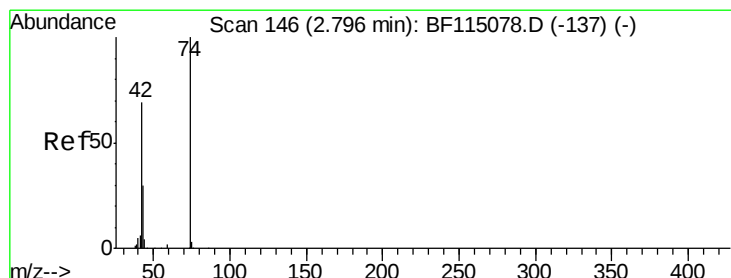
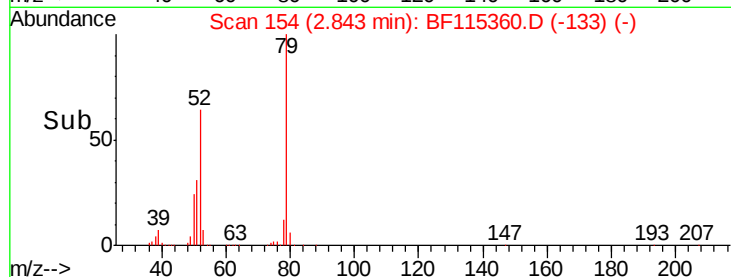
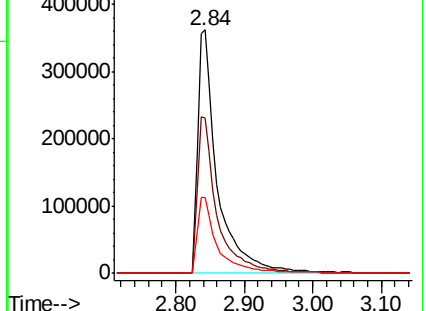
51 31.1 25.0 37.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.324 ng

RT: 2.80 min Scan# 146

Delta R.T. 0.03 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

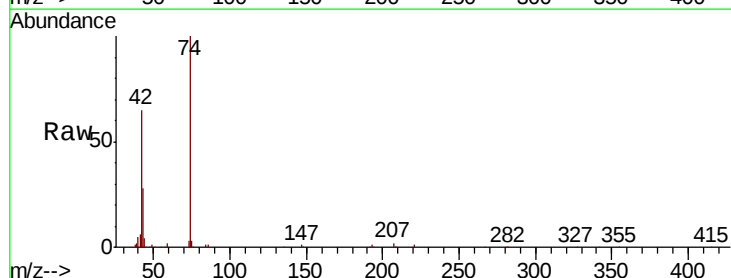
Tgt Ion: 42 Resp: 271191

Ion Ratio Lower Upper

42 100

74 153.7 119.1 178.7

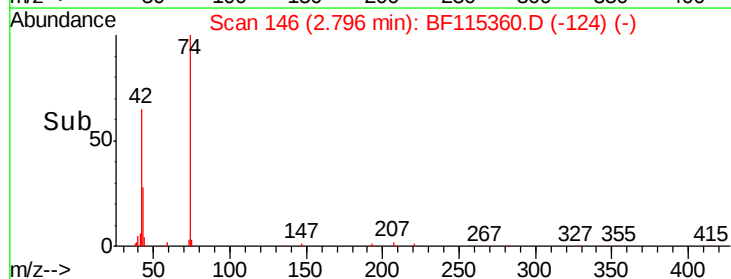
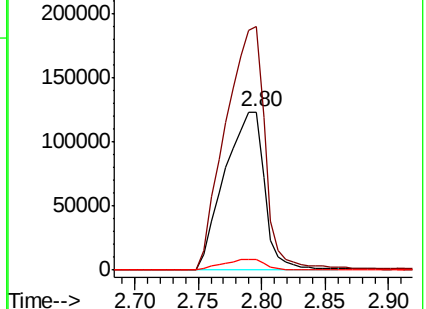
44 6.7 5.4 8.2

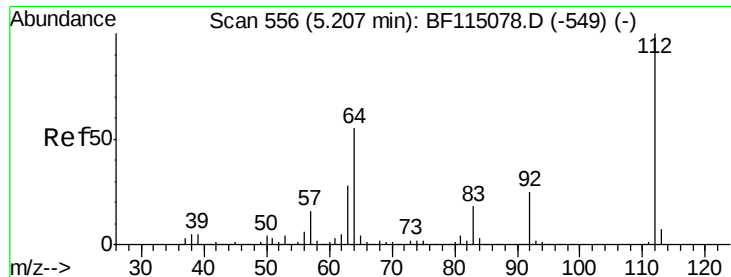


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 72.945 ng

RT: 5.20 min Scan# 555

Delta R.T. 0.01 min

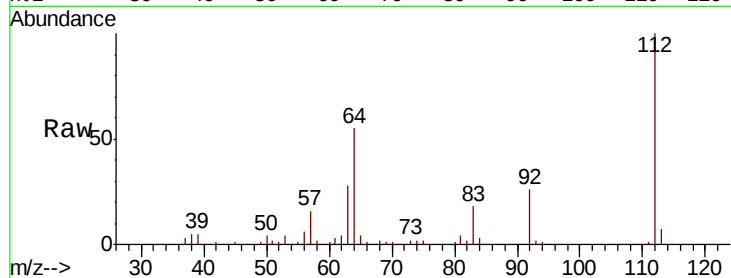
Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 112 Resp: 1138357

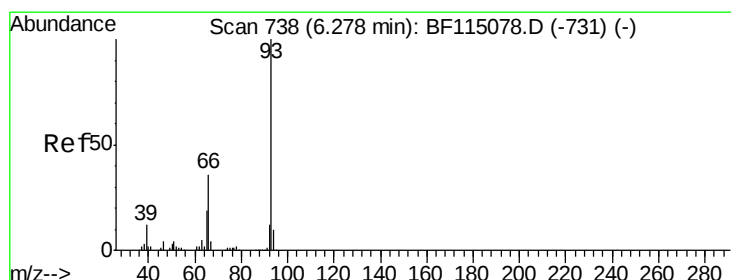
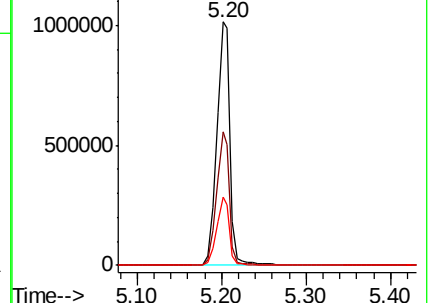
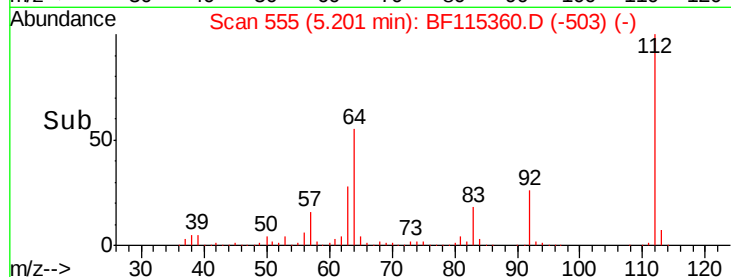
Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.2	66.2
63	28.1	22.3	33.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.435 ng

RT: 6.27 min Scan# 737

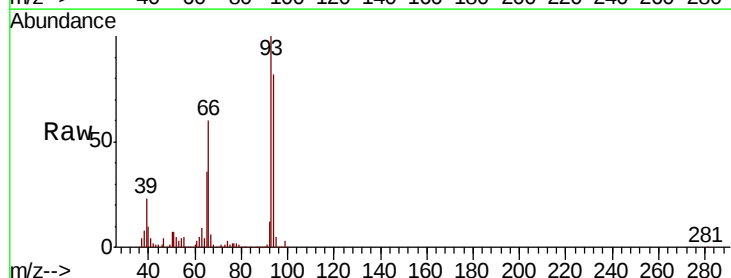
Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Tgt Ion: 93 Resp: 896426

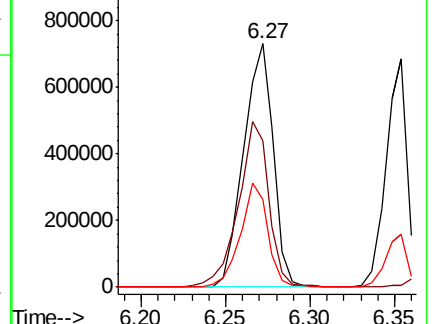
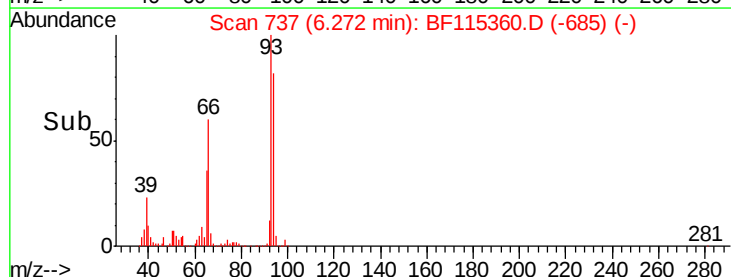
Ion	Ratio	Lower	Upper
93	100		
66	60.2	53.8	80.6
65	35.9	33.5	50.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.727 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

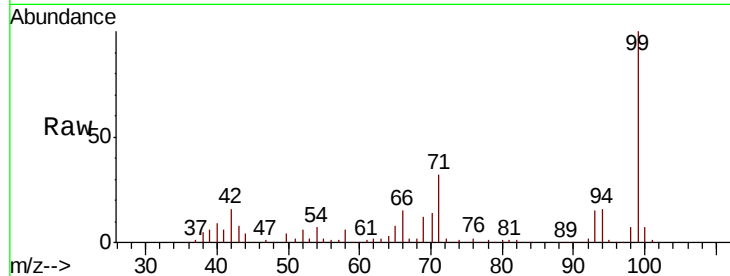
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1377556

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.2
71	32.1	25.4	38.2

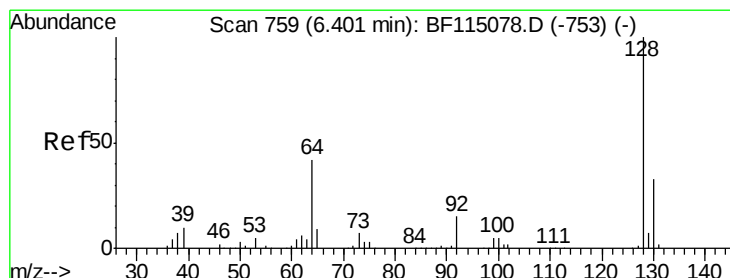
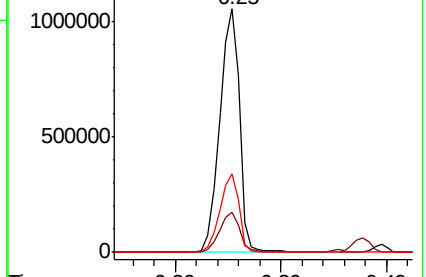
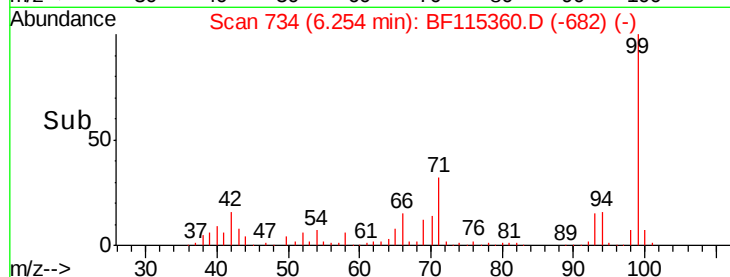


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.898 ng

RT: 6.40 min Scan# 759

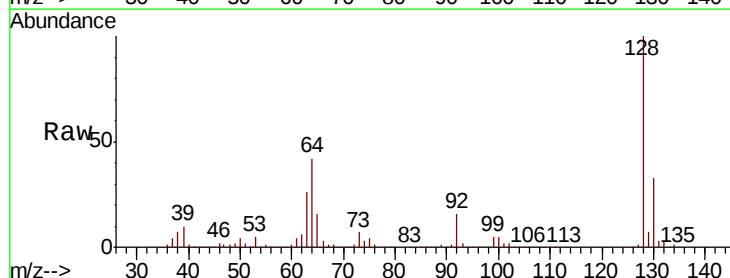
Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Tgt Ion: 128 Resp: 665021

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	42.2	22.9	62.9

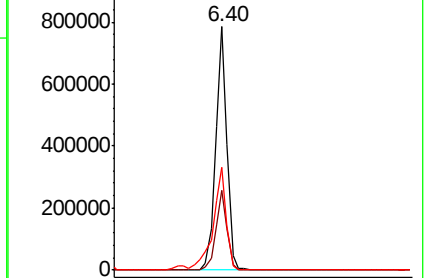
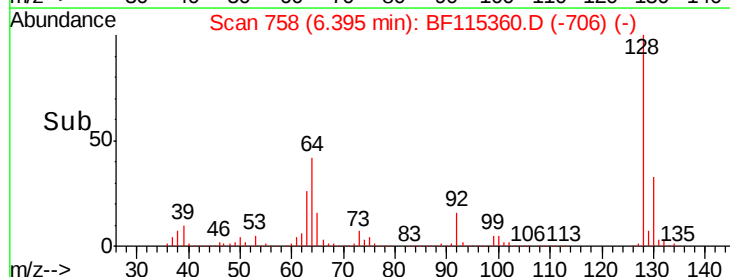


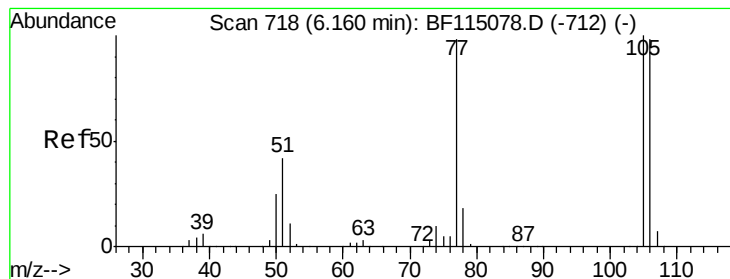
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.956 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Instrument :

BNA_F

ClientSampled :

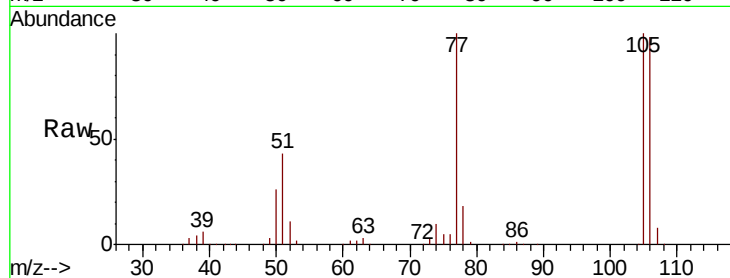
Tot Ion: 77 Resp: 419615

Ion Ratio Lower Upper

77 100

105 100.1 85.2 125.2

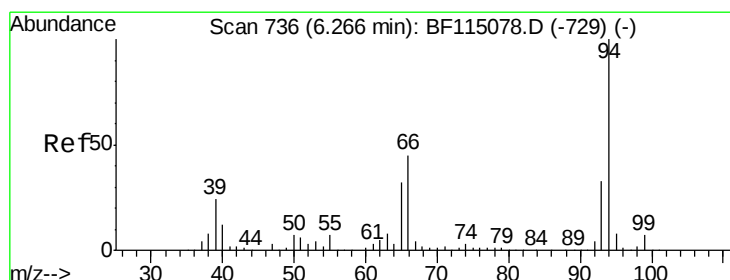
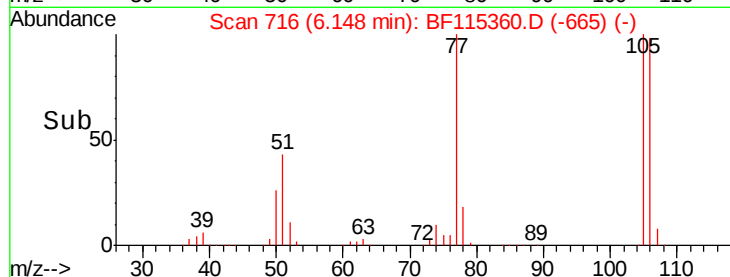
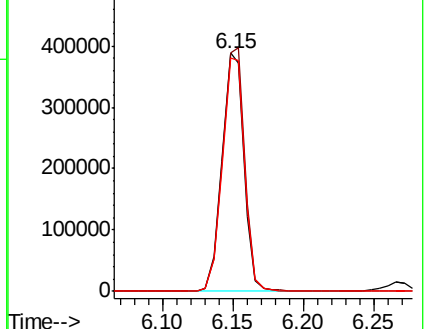
106 98.2 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.746 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

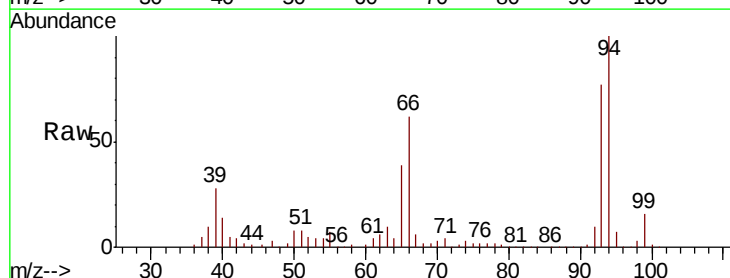
Tgt Ion: 94 Resp: 770927

Ion Ratio Lower Upper

94 100

65 39.1 20.9 60.9

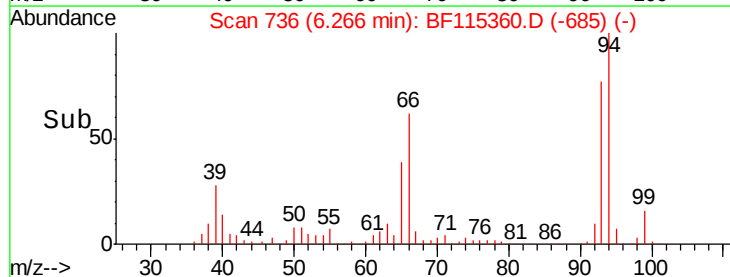
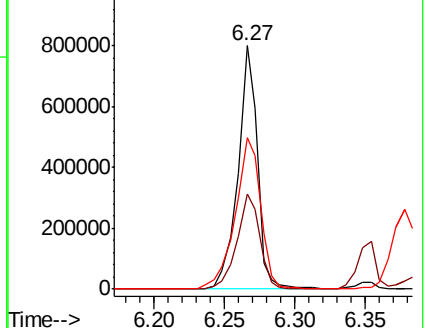
66 62.3 45.4 85.4

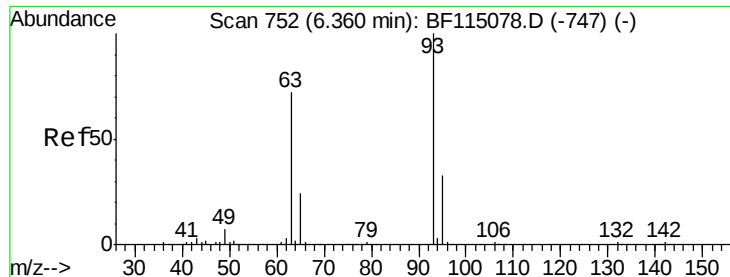


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

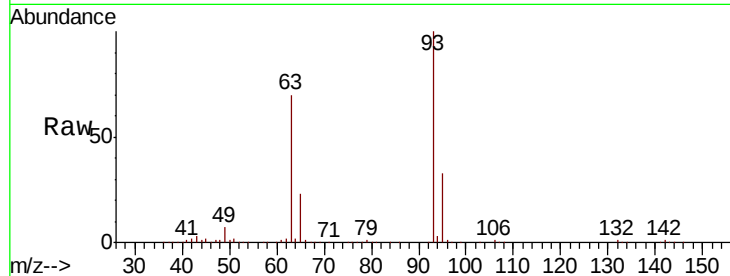




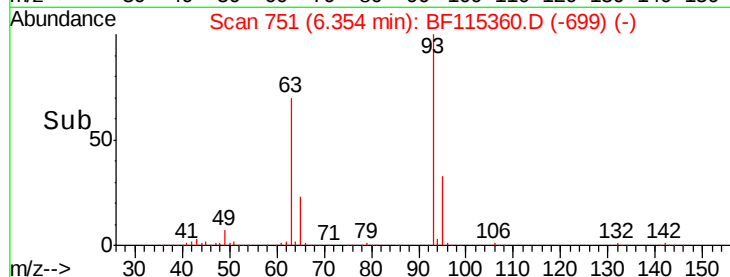
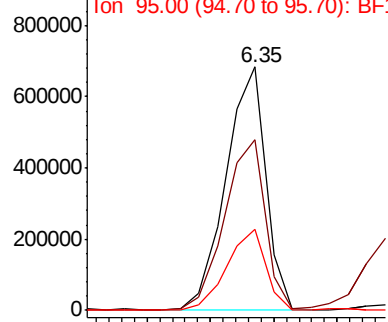
#11
bis(2-Chloroethyl)ether
Concen: 36.367 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 594794
Ion Ratio Lower Upper
93 100
63 70.1 49.7 89.7
95 33.3 13.1 53.1

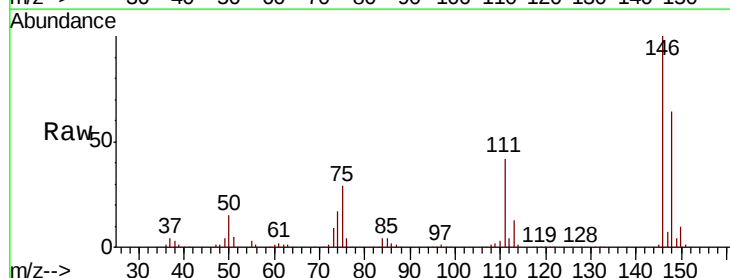


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

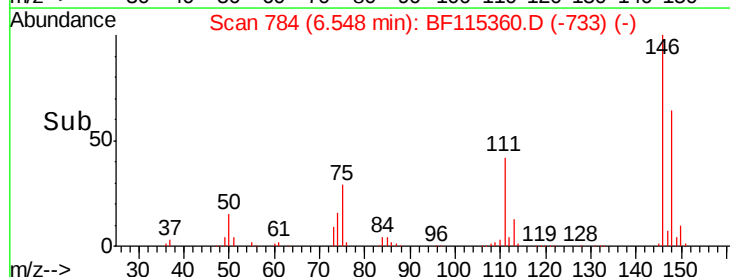
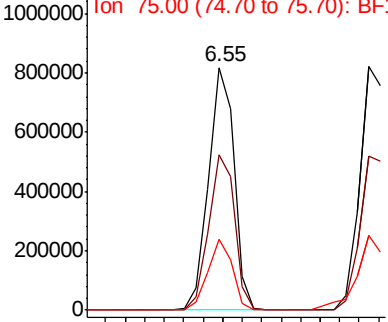


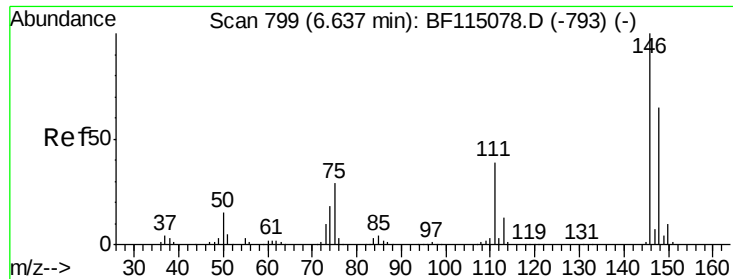
#12
1,3-Dichlorobenzene
Concen: 38.180 ng
RT: 6.55 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion: 146 Resp: 743556
Ion Ratio Lower Upper
146 100
148 64.2 52.8 79.2
75 29.4 21.0 31.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

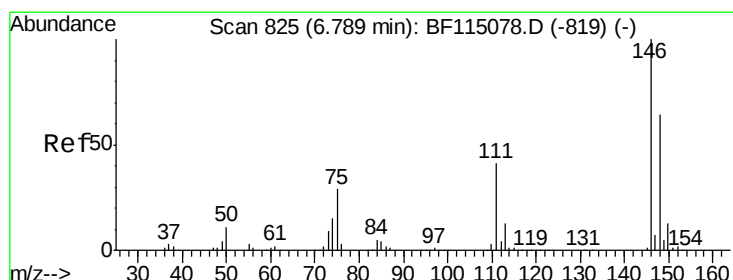
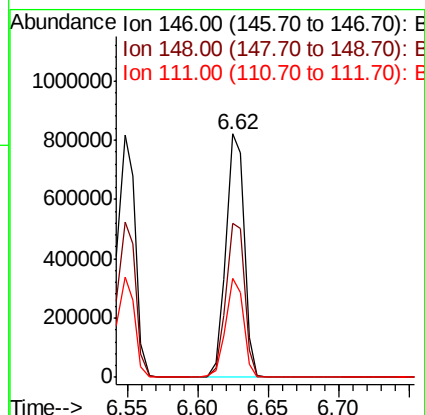
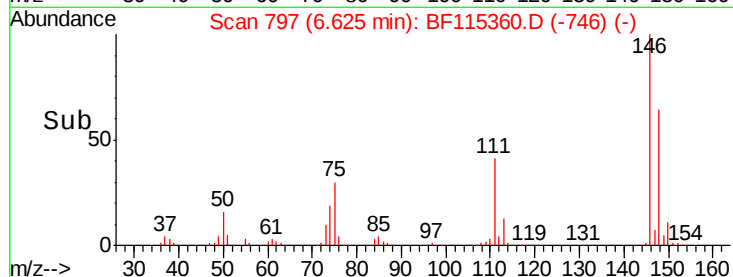
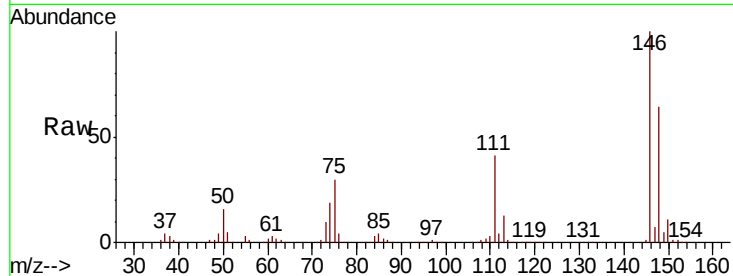




#13
 1,4-Dichlorobenzene
 Concen: 38.182 ng
 RT: 6.62 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

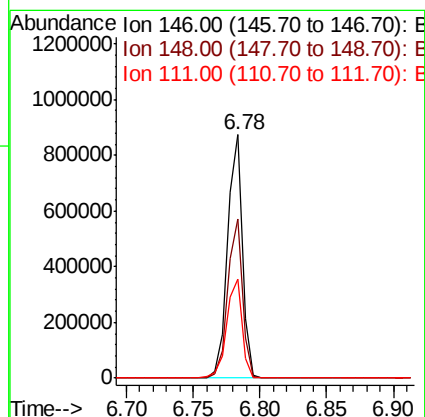
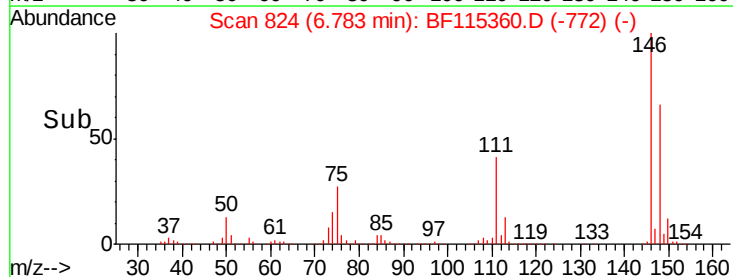
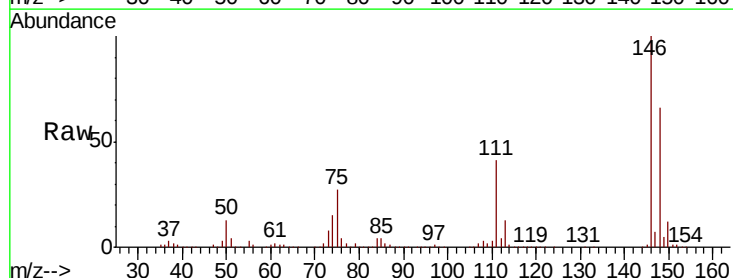
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 745647
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.6 79.0
 111 40.5 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 38.165 ng
 RT: 6.78 min Scan# 824
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion:146 Resp: 690214
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.4 78.6
 111 40.6 32.4 48.6





#15

Benzyl Alcohol

Concen: 32.902 ng

RT: 6.76 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Instrument :

BNA_F

ClientSampled :

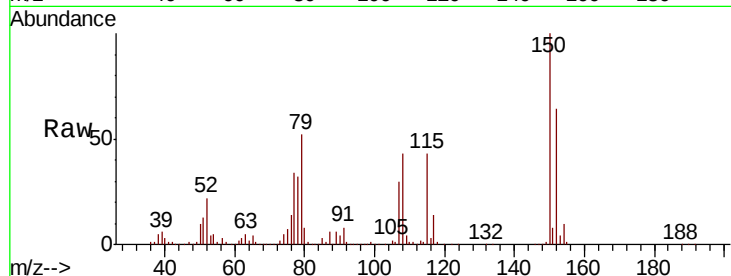
Tot Ion: 79 Resp: 453806

Ion Ratio Lower Upper

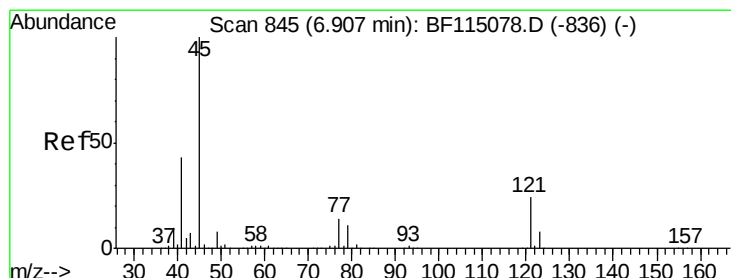
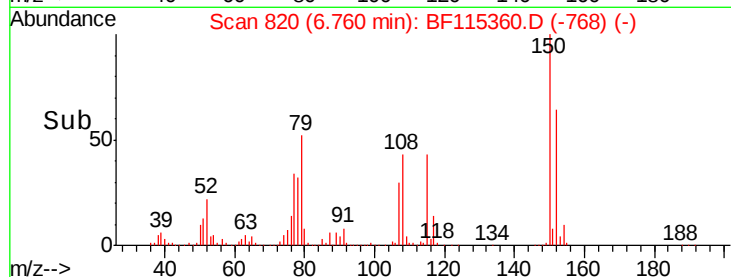
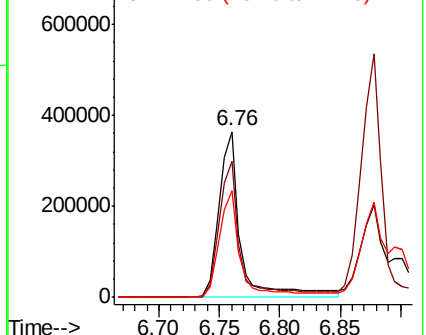
79 100

108 82.4 65.6 98.4

77 64.5 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.584 ng

RT: 6.90 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

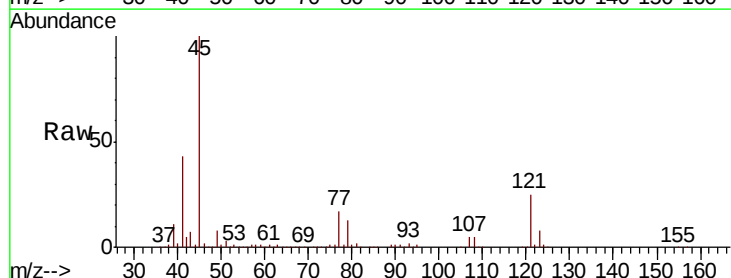
Tgt Ion: 45 Resp: 844096

Ion Ratio Lower Upper

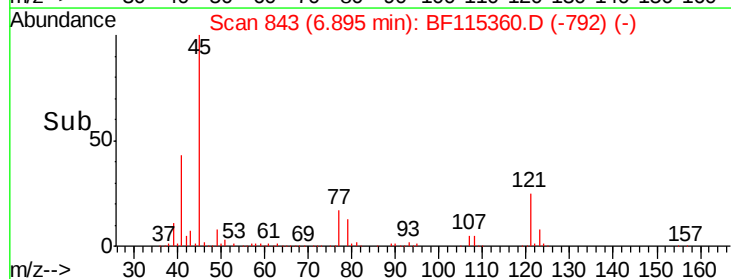
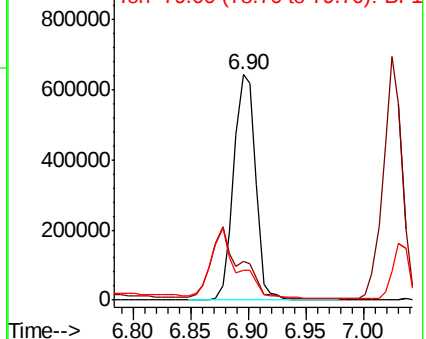
45 100

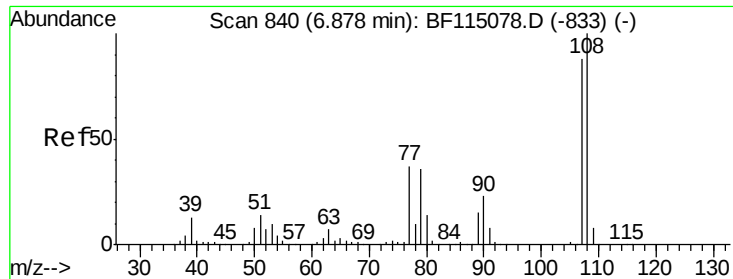
77 17.0 0.0 37.7

79 13.4 0.0 34.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

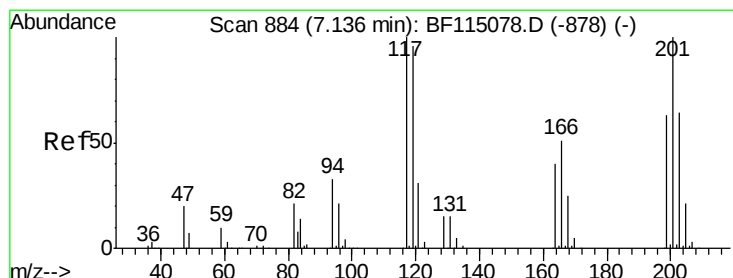
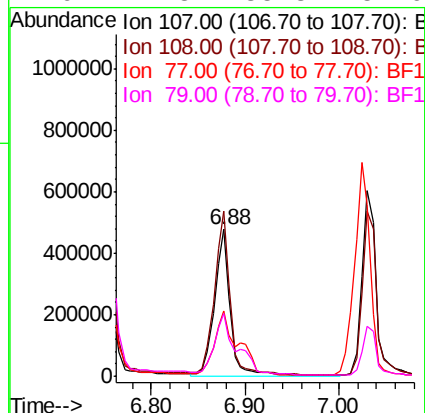
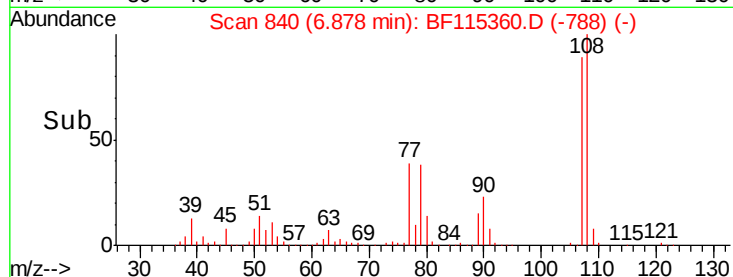
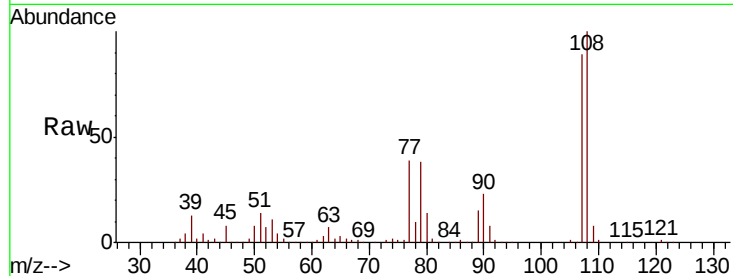




#17
2-Methylphenol
Concen: 39.698 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

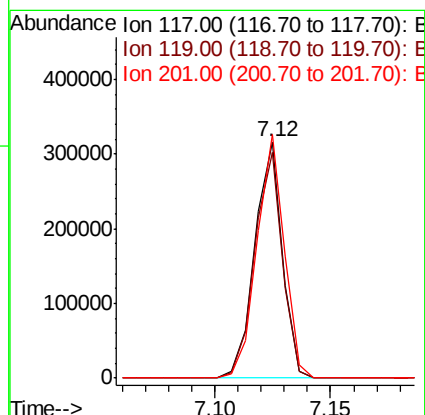
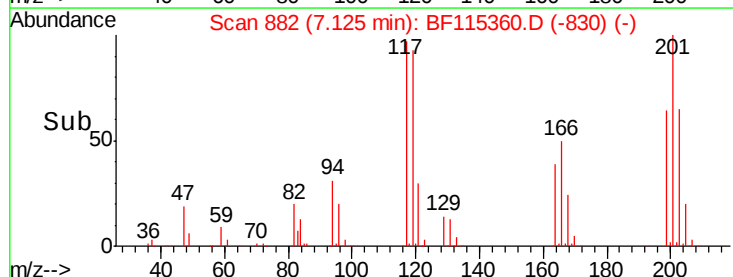
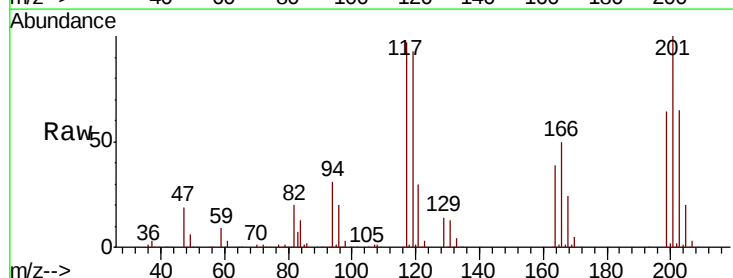
Instrument :
BNA_F
ClientSampleId :

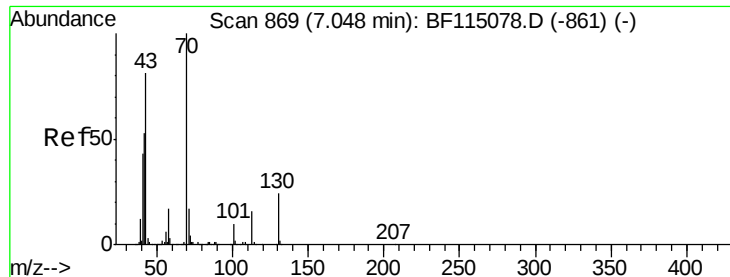
Tot Ion:107 Resp: 574993
Ion Ratio Lower Upper
107 100
108 112.2 91.0 136.4
77 44.1 35.8 53.8
79 42.8 35.3 52.9



#18
Hexachloroethane
Concen: 37.461 ng
RT: 7.12 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:117 Resp: 263743
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3
201 103.2 81.8 122.8

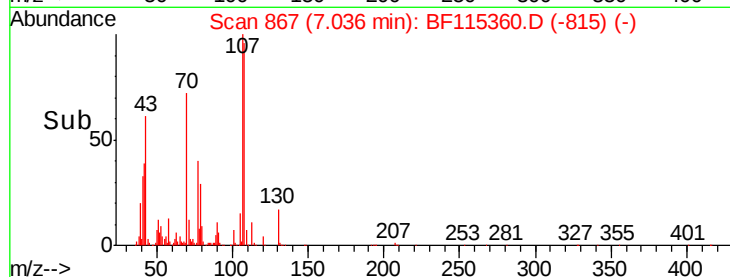
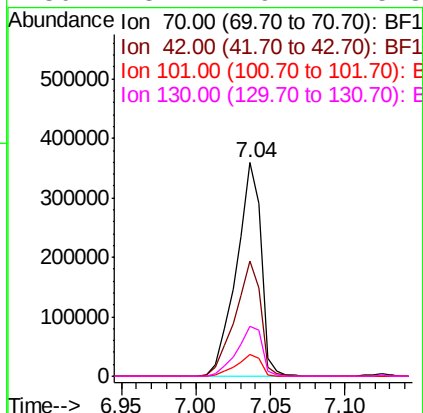
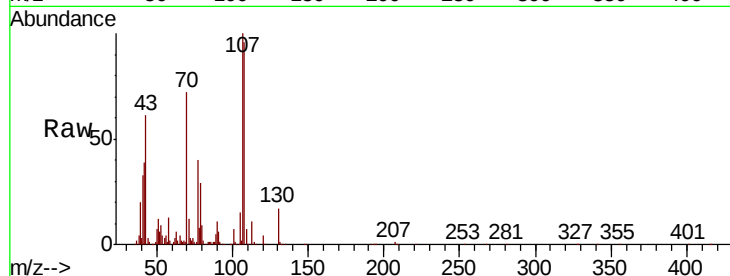




#19
n-Nitroso-di-n-propylamine
Concen: 34.411 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

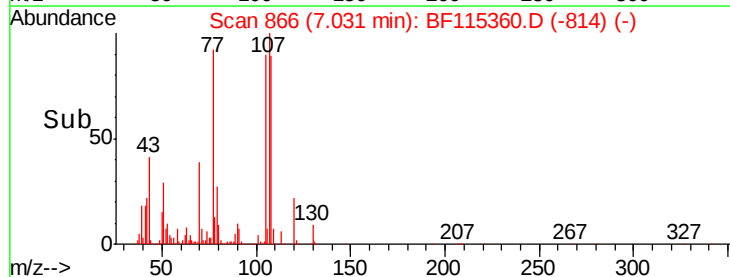
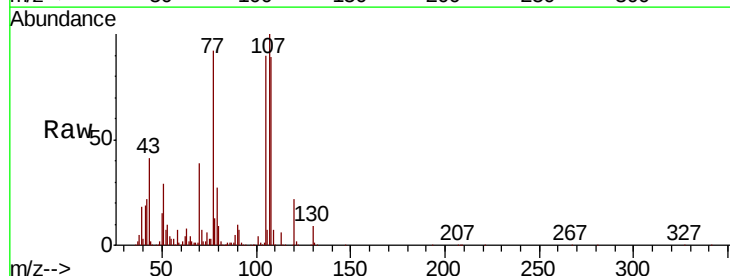
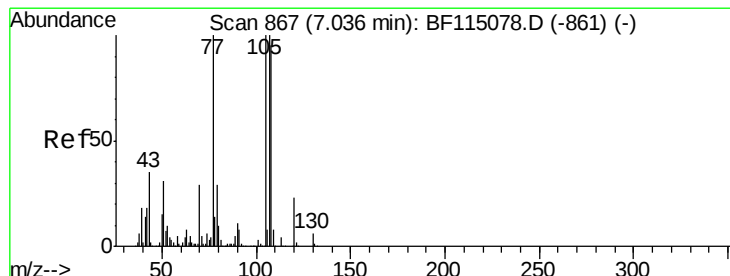
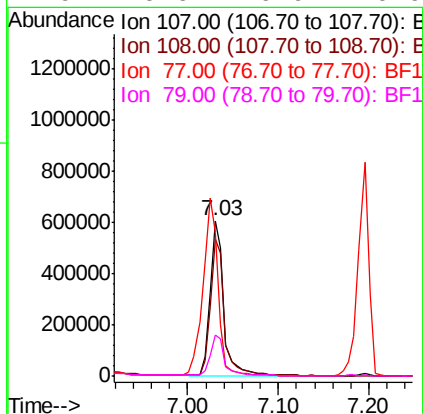
Instrument :
BNA_F
ClientSampled :

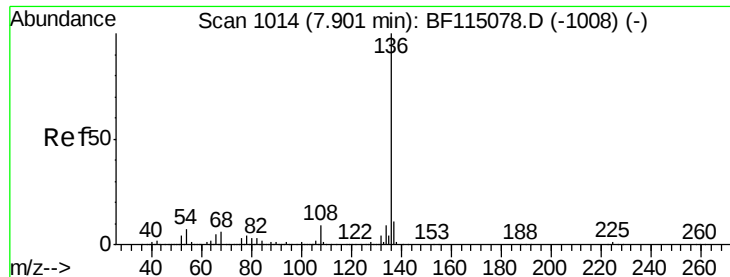
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.3	66.5
101	10.0	7.8	11.8
130	23.4	19.2	28.8



#20
3+4-Methylphenols
Concen: 38.328 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.9	107.9
77	92.3	76.7	116.7
79	26.6	6.9	46.9

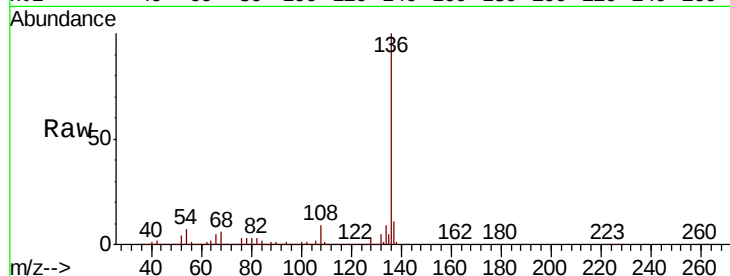




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 973669
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 6.8	5.1 7.7
68 5.8	4.3 6.5



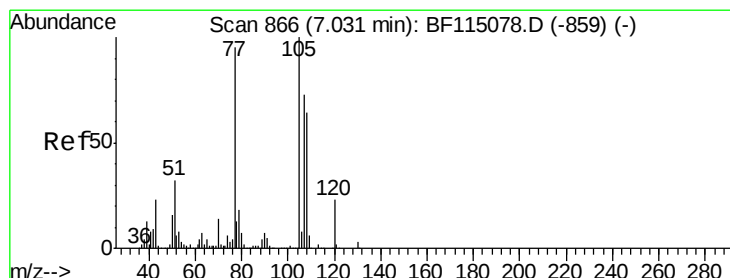
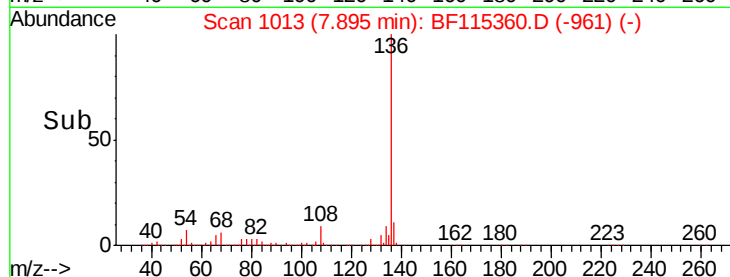
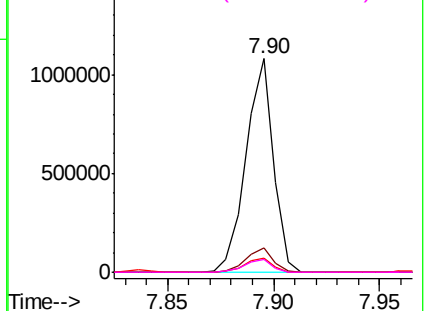
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

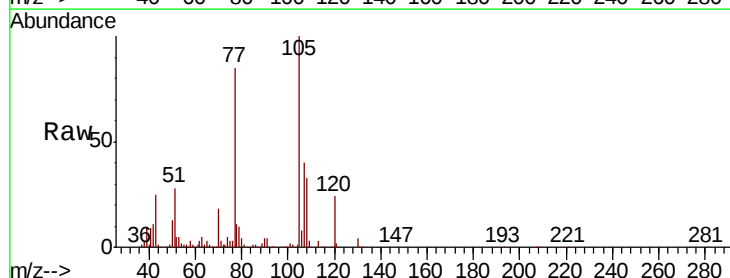
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.028 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt	Ion:105	Resp:	847668
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.2	3.4
51	28.0	21.1	31.7
120	23.5	18.6	27.8



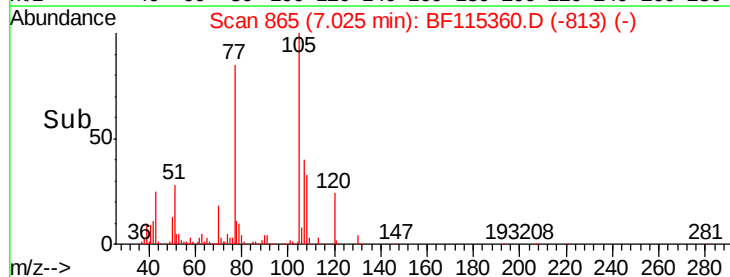
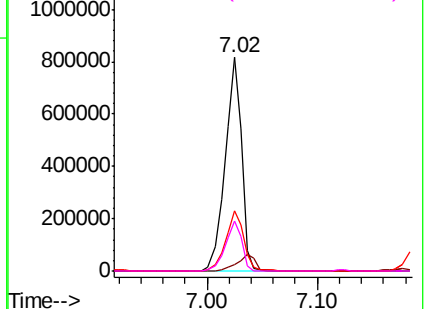
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

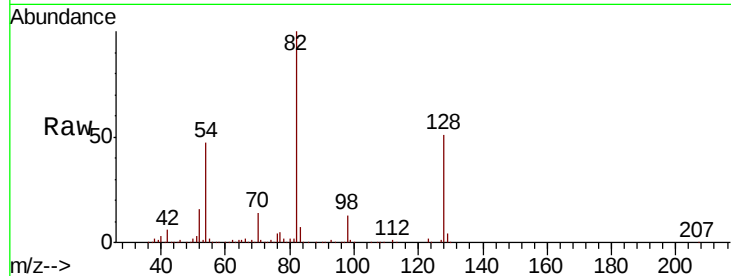




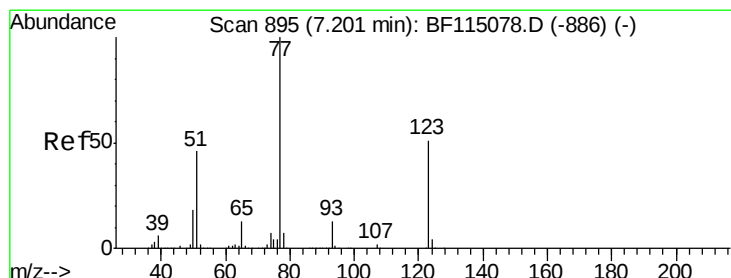
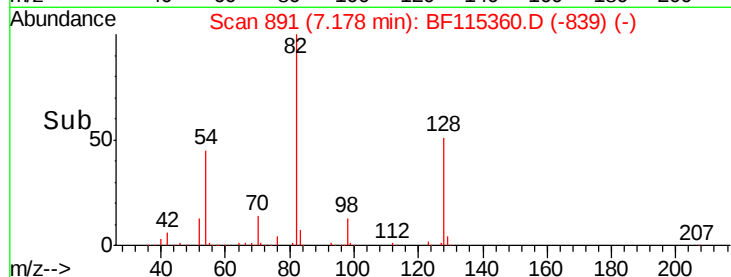
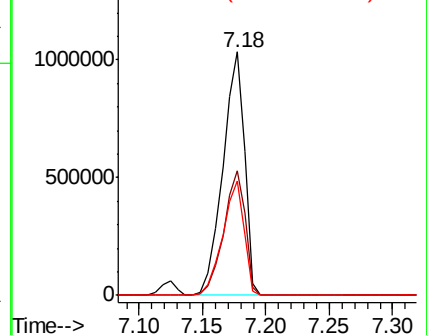
#23
Nitrobenzene-d5
Concen: 77.656 ng
RT: 7.18 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1229136
Ion Ratio Lower Upper
82 100
128 50.9 40.8 61.2
54 46.9 37.0 55.4

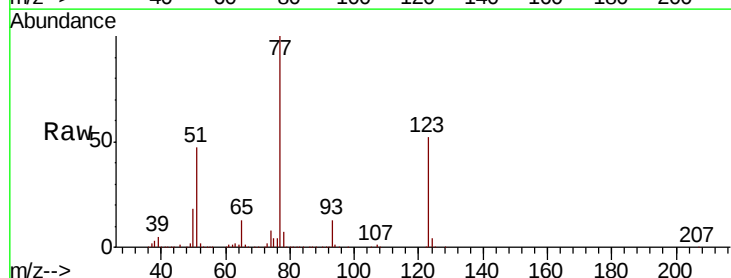


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

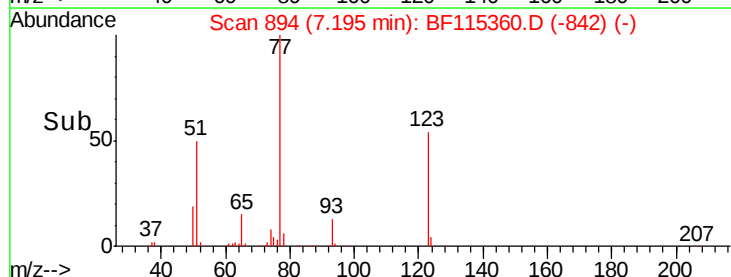
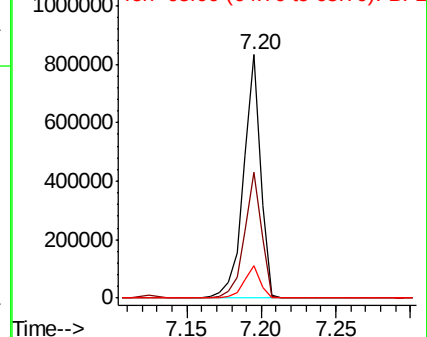


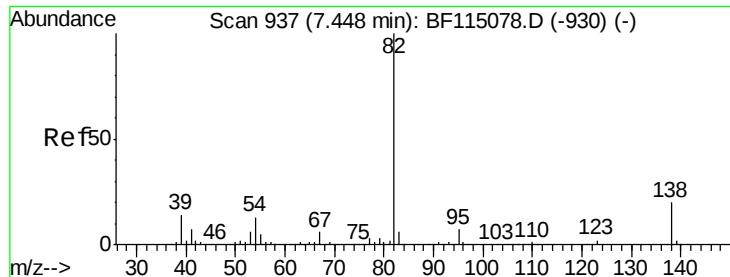
#24
Nitrobenzene
Concen: 38.028 ng
RT: 7.20 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion: 77 Resp: 663119
Ion Ratio Lower Upper
77 100
123 51.6 41.8 62.8
65 13.3 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

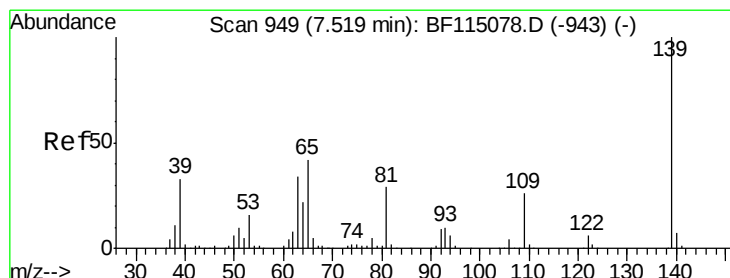
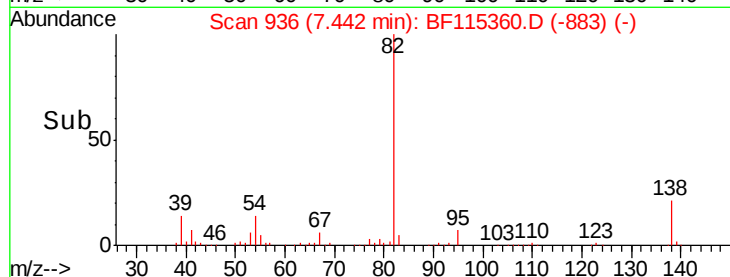
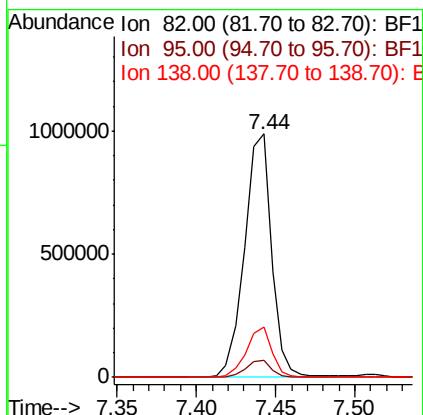
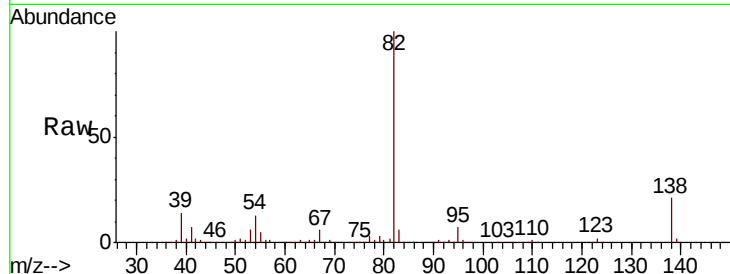




#25
Isophorone
Concen: 36.106 ng
RT: 7.44 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

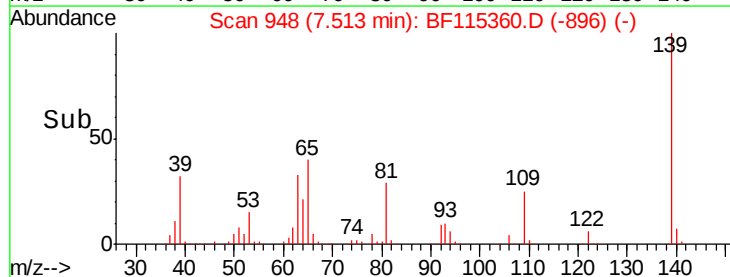
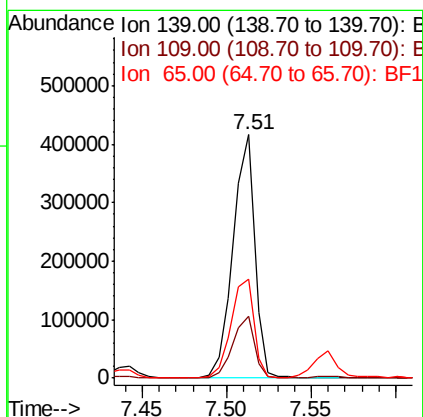
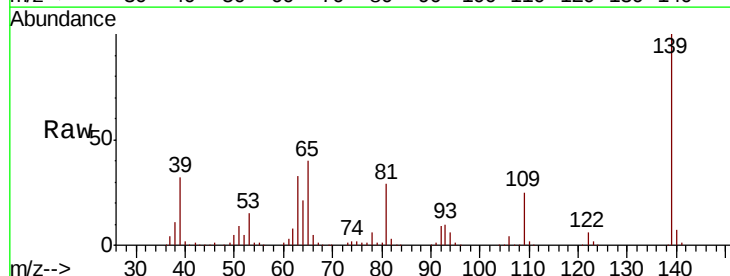
Instrument :
BNA_F
ClientSampleId :

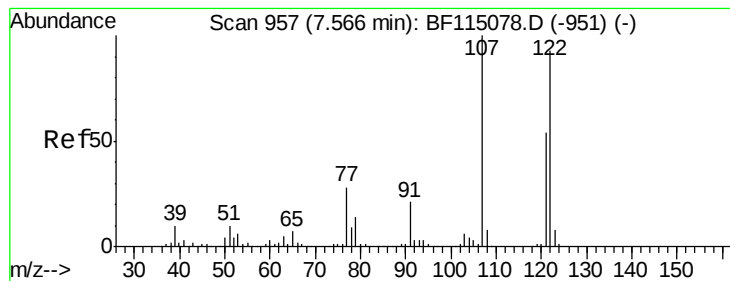
Tot Ion: 82 Resp: 1170723
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 20.6 15.4 23.2



#26
2-Nitrophenol
Concen: 43.283 ng
RT: 7.51 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion: 139 Resp: 372730
Ion Ratio Lower Upper
139 100
109 25.2 20.1 30.1
65 40.4 31.4 47.0

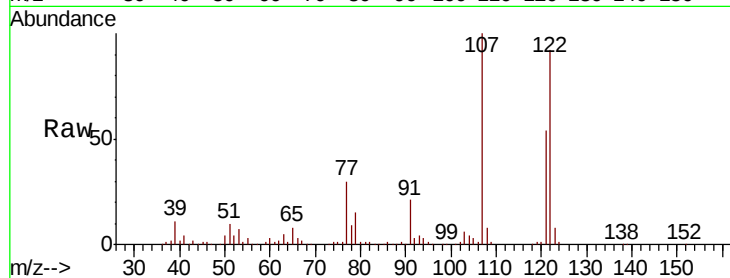




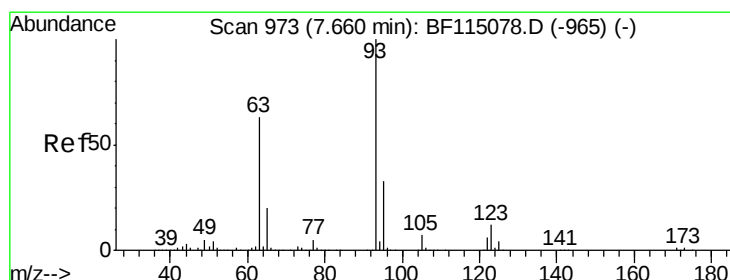
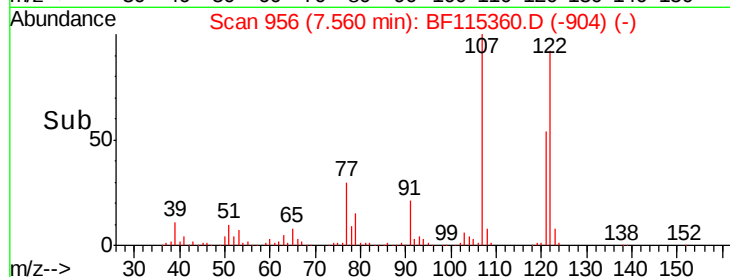
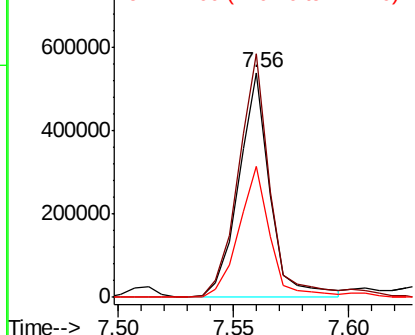
#27
 2,4-Dimethylphenol
 Concen: 36.271 ng
 RT: 7.56 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.3	86.7	130.1
121	58.0	47.2	70.8

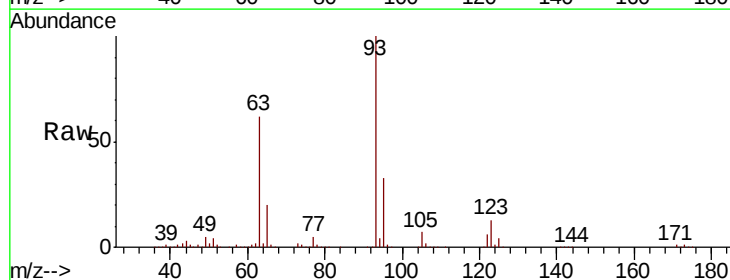


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

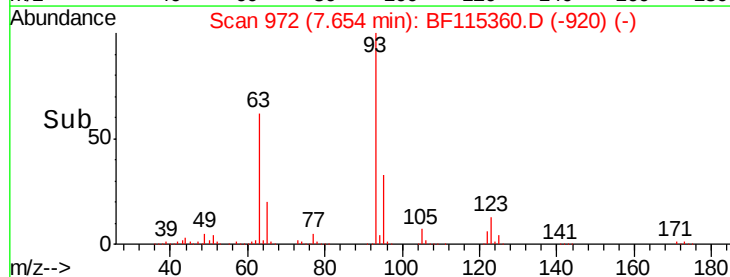
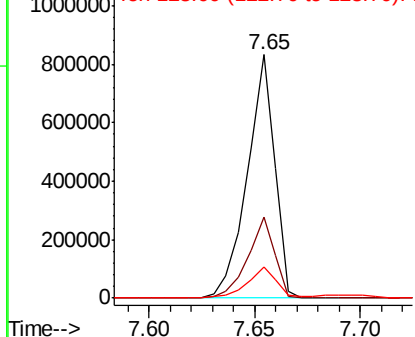


#28
 bis(2-Chloroethoxy)methane
 Concen: 36.745 ng
 RT: 7.65 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	12.8	9.9	14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

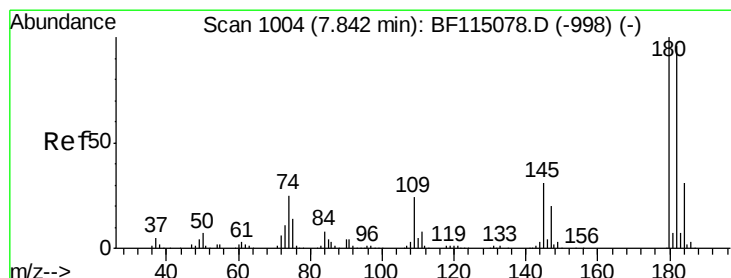
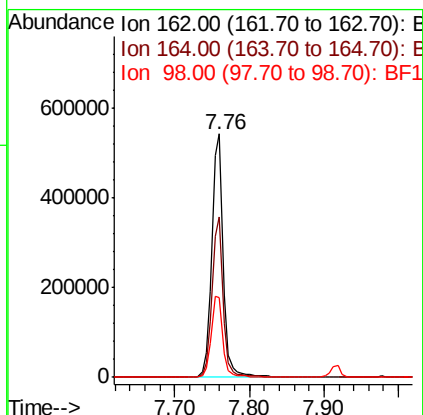
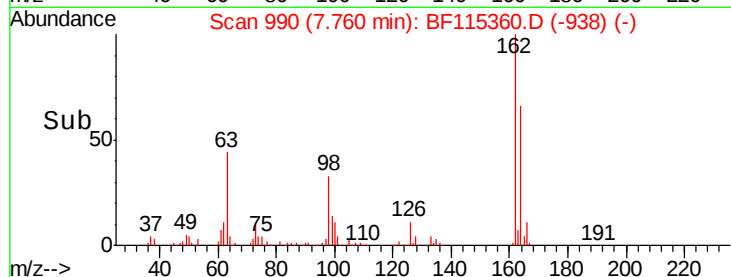
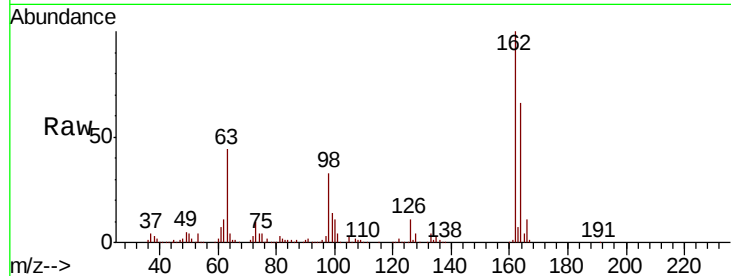




#29
 2,4-Dichlorophenol
 Concen: 38.975 ng
 RT: 7.76 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

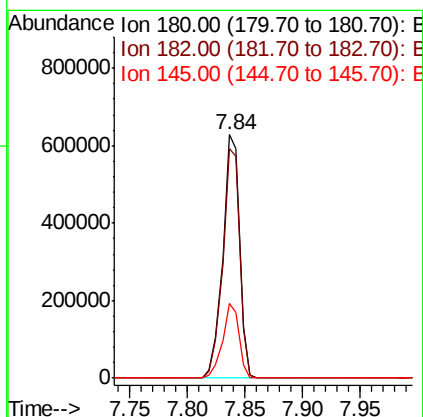
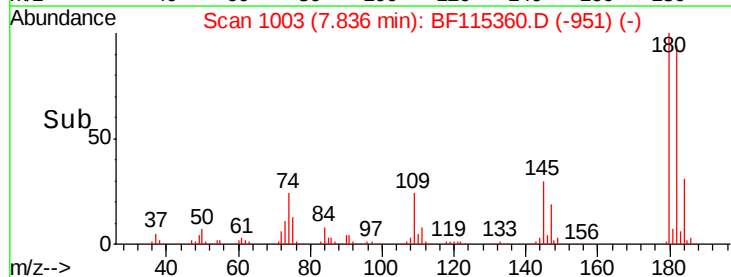
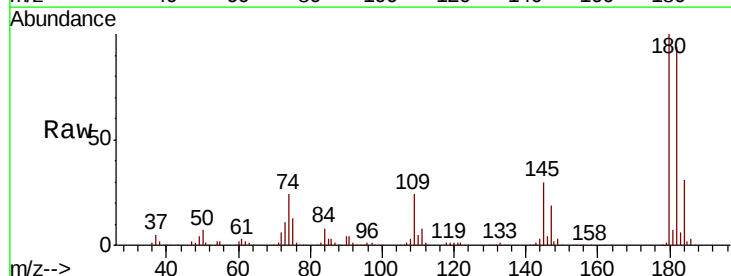
Instrument :
 BNA_F
 ClientSampleId :

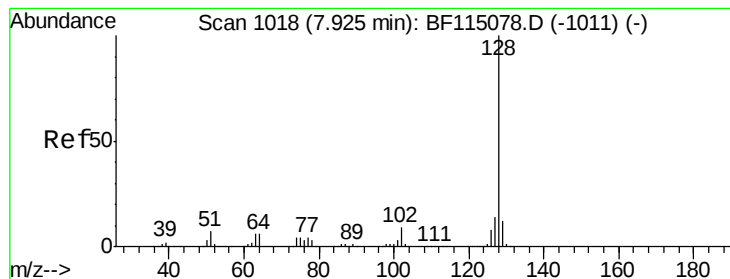
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.4	85.4
98	32.9	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.632 ng
 RT: 7.84 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.9	115.3
145	30.5	24.8	37.2





#31

Naphthalene

Concen: 38.333 ng

RT: 7.92 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Instrument :

BNA_F

ClientSampleId :

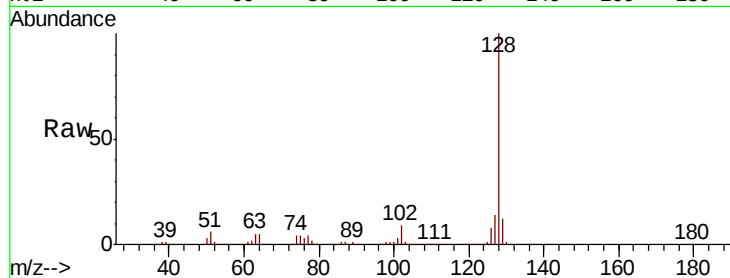
Tot Ion:128 Resp: 1832136

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

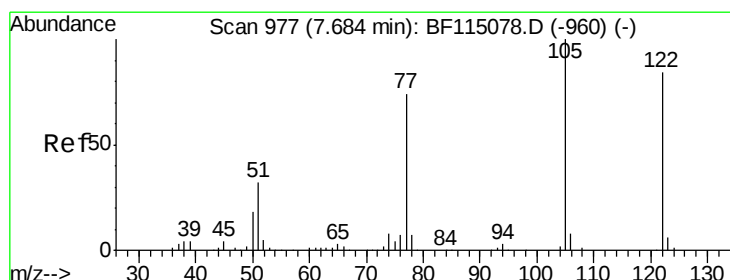
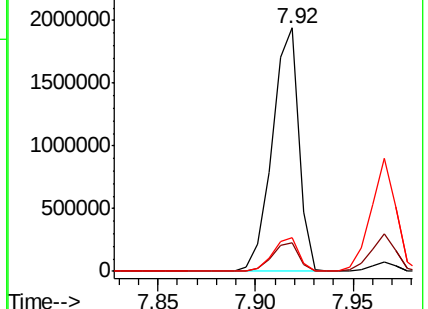
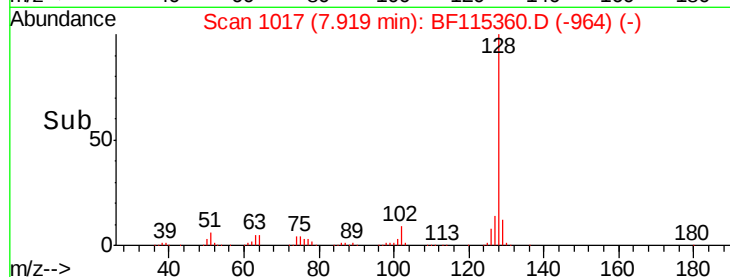
127 13.9 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.895 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

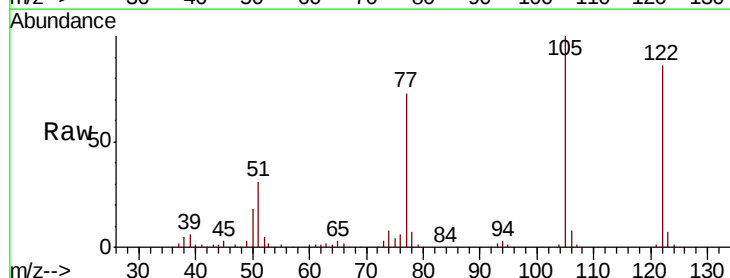
Tgt Ion:122 Resp: 321003

Ion Ratio Lower Upper

122 100

105 115.8 98.1 138.1

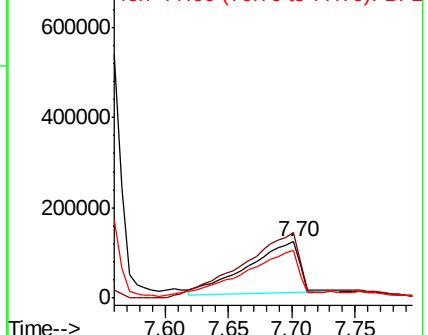
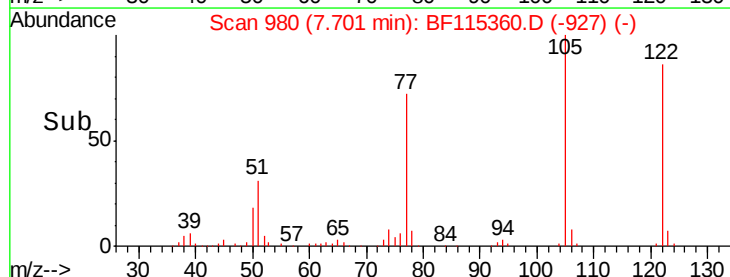
77 84.1 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

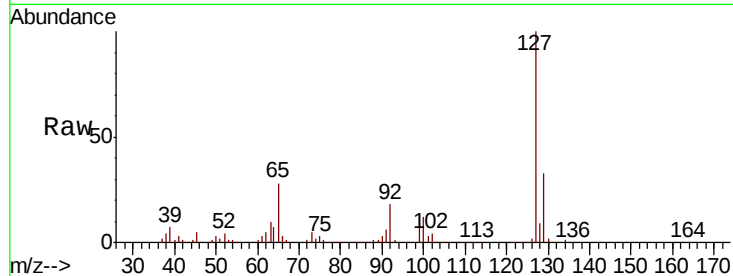




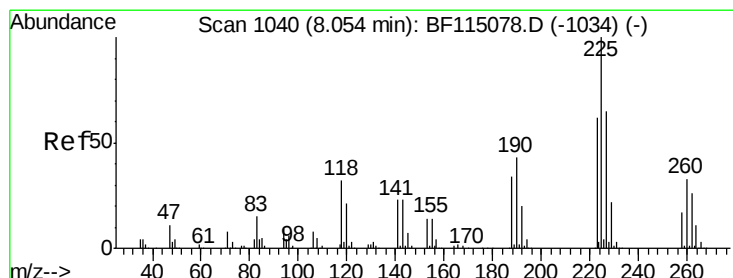
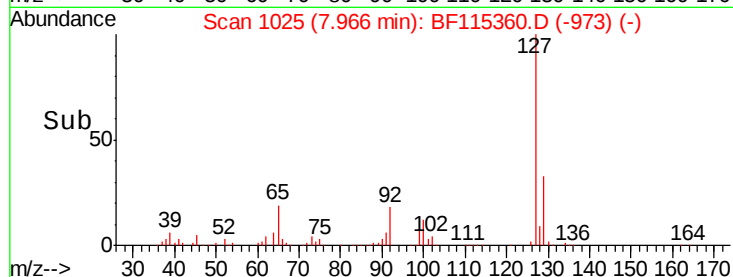
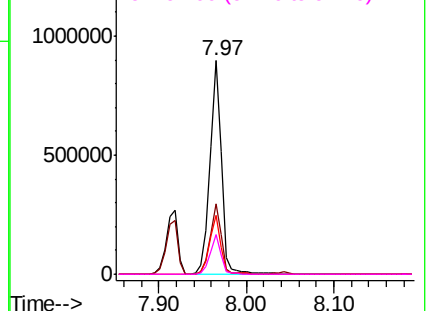
#33
4-Chloroaniline
Concen: 37.936 ng
RT: 7.97 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	828655
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.0	39.0
65	27.6	21.3	31.9
92	18.5	14.4	21.6

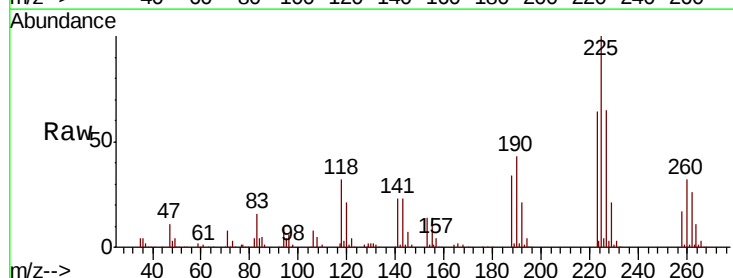


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

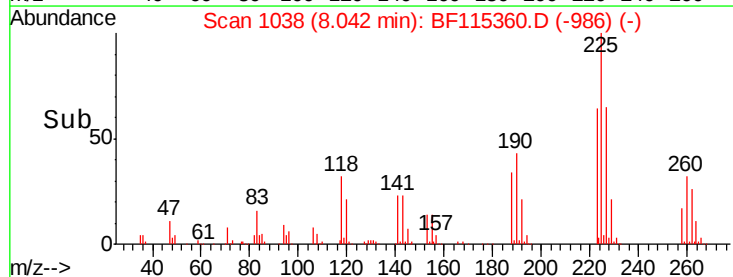
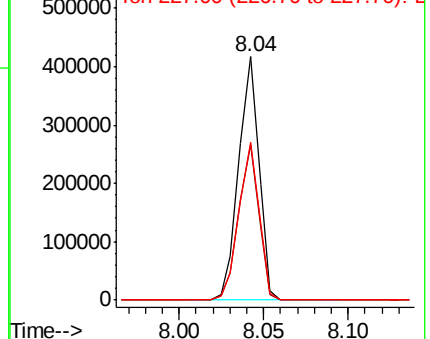


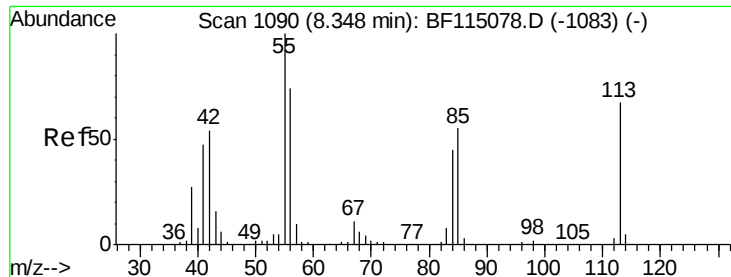
#34
Hexachlorobutadiene
Concen: 39.694 ng
RT: 8.04 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:	225	Resp:	349610
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.4	75.6
227	64.7	52.3	78.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

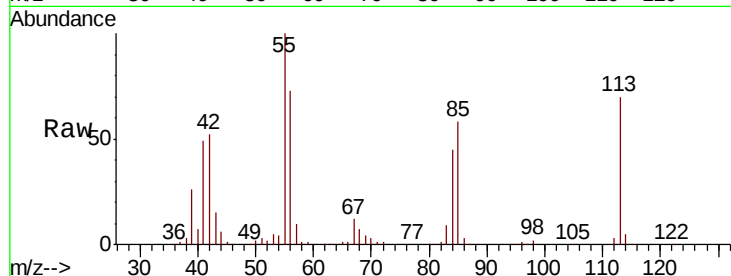




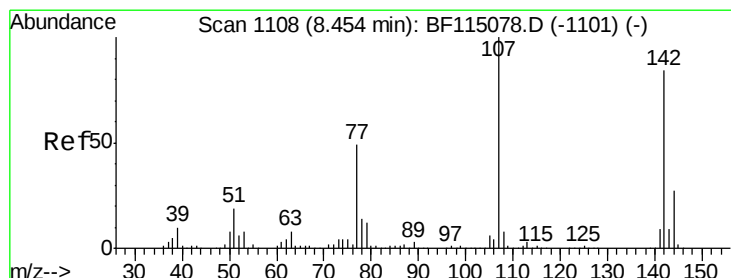
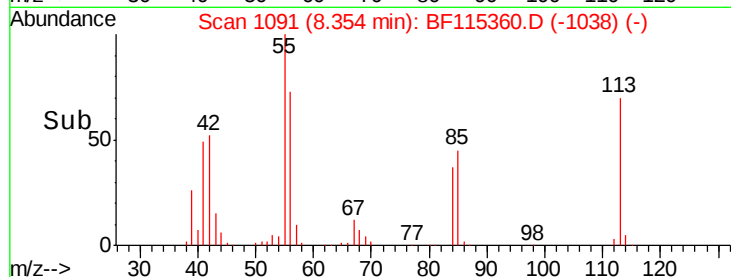
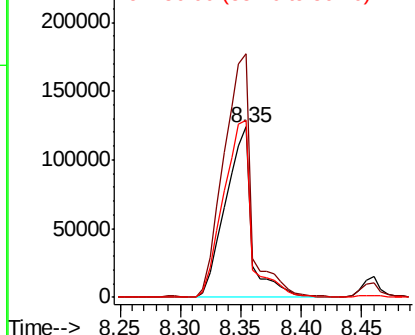
#35
Caprolactam
Concen: 38.250 ng
RT: 8.35 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 187118
Ion Ratio Lower Upper
113 100
55 142.9 125.9 165.9
56 104.2 88.3 128.3

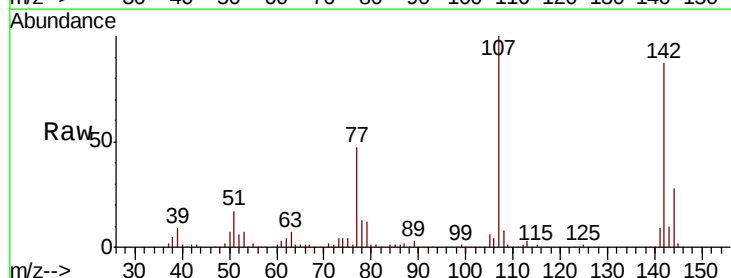


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

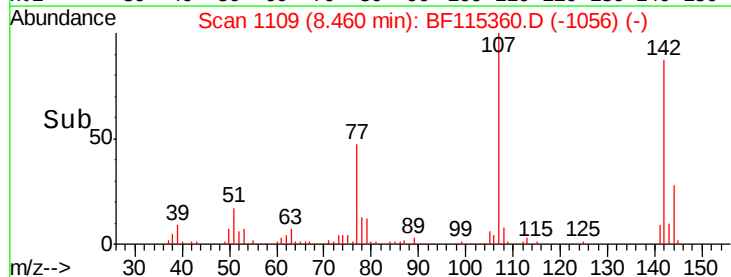
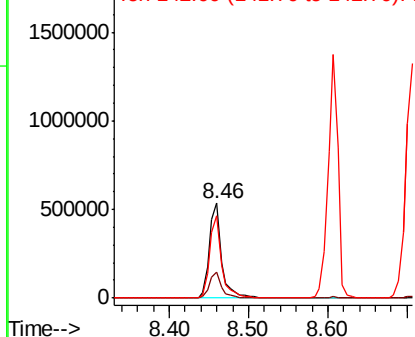


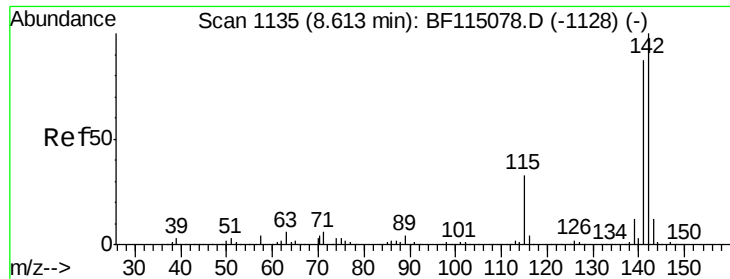
#36
4-Chloro-3-methylphenol
Concen: 38.963 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:107 Resp: 574147
Ion Ratio Lower Upper
107 100
144 27.9 21.4 32.0
142 86.6 66.6 99.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

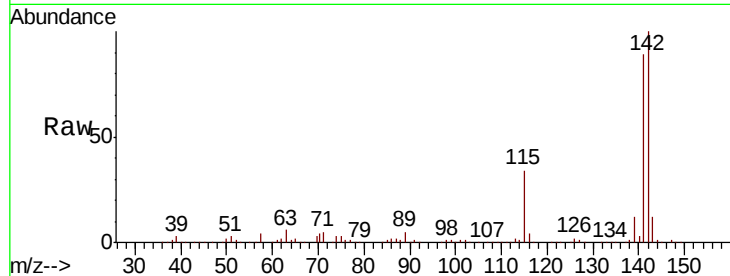




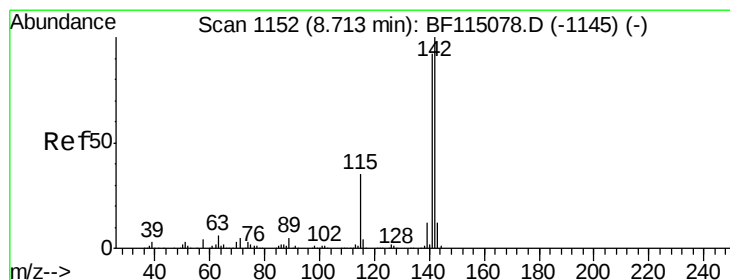
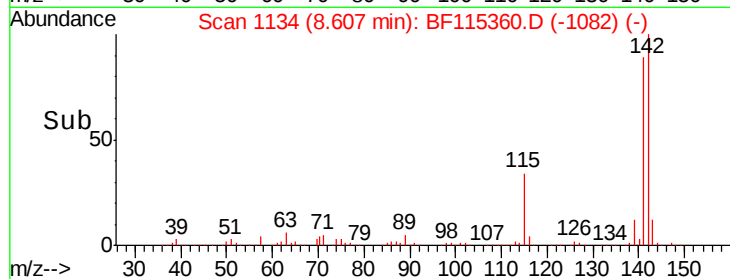
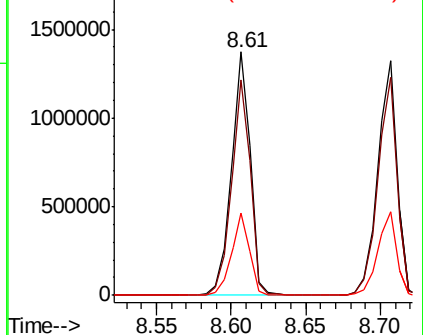
#37
2-Methylnaphthalene
Concen: 37.912 ng
RT: 8.61 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1221755
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 34.0 25.9 38.9

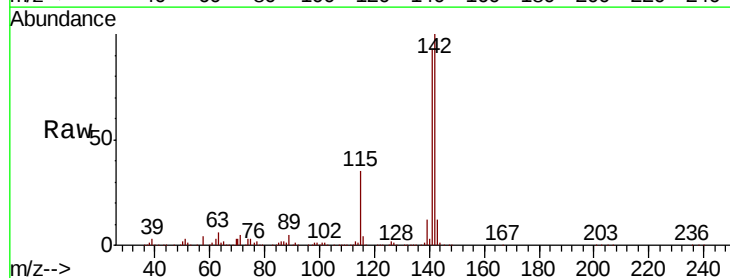


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

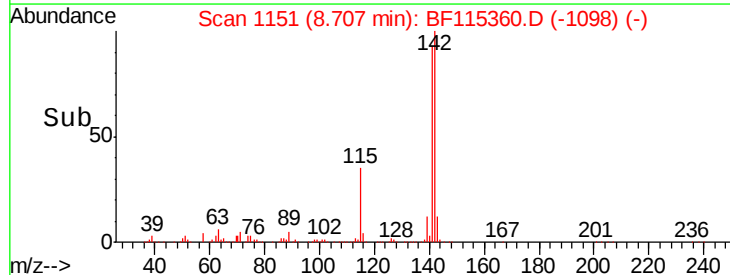
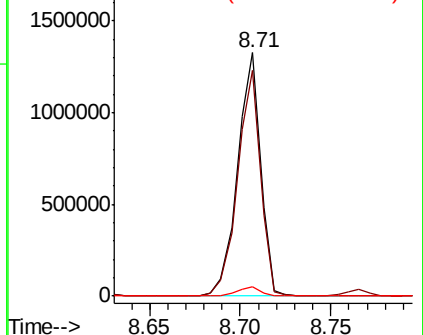


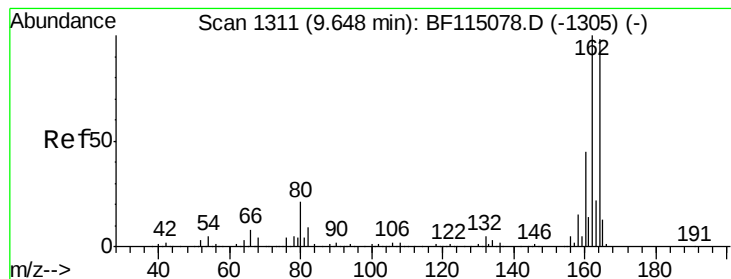
#38
1-Methylnaphthalene
Concen: 37.896 ng
RT: 8.71 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:142 Resp: 1166372
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3
116 3.7 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Instrument :

BNA_F

ClientSampleId :

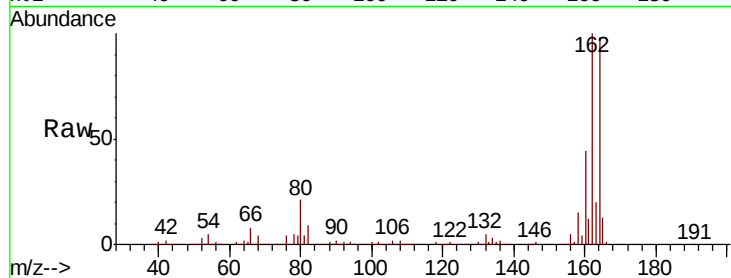
Tot Ion:164 Resp: 473542

Ion Ratio Lower Upper

164 100

162 102.5 82.0 123.0

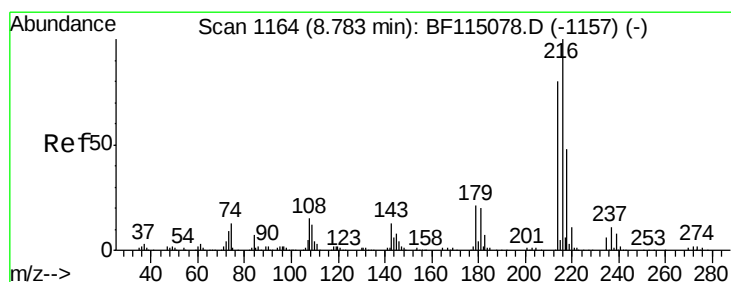
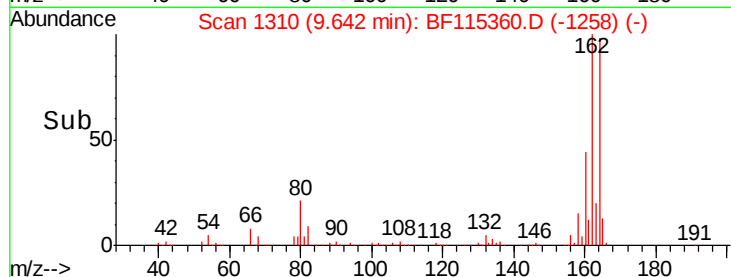
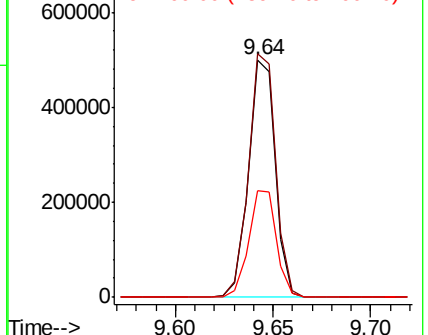
160 44.8 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.944 ng

RT: 8.78 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Tgt Ion:216 Resp: 547896

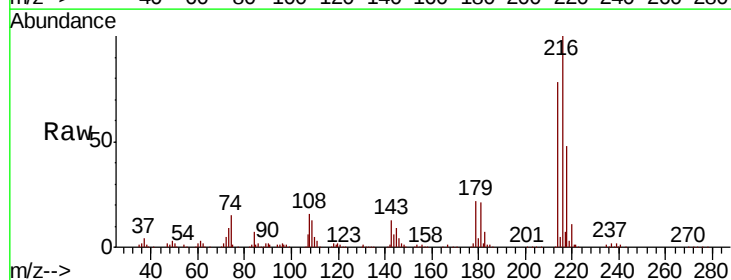
Ion Ratio Lower Upper

216 100

214 78.4 63.9 95.9

179 22.3 17.8 26.8

108 18.3 14.8 22.2

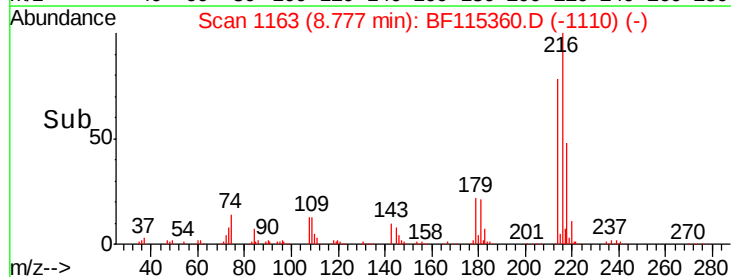
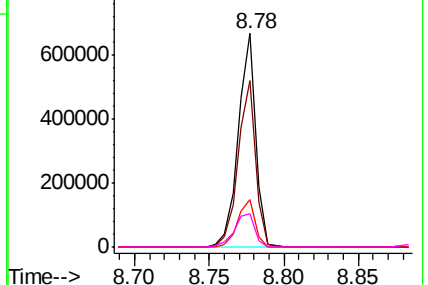


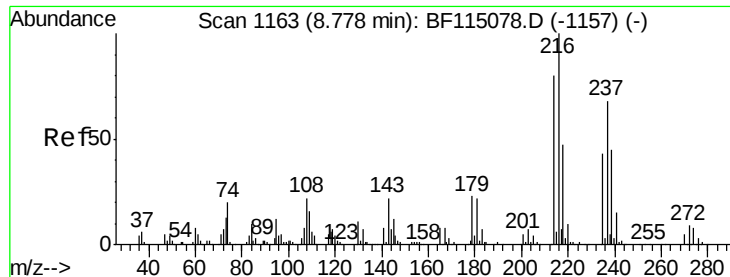
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.357 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Instrument :

BNA_F

ClientSampleId :

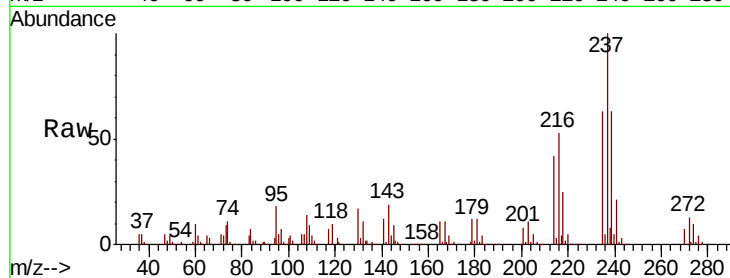
Tot Ion:237 Resp: 256747

Ion Ratio Lower Upper

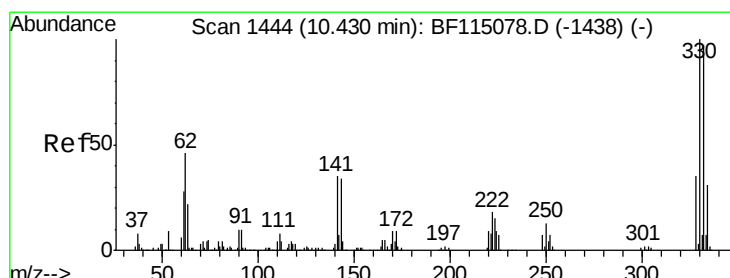
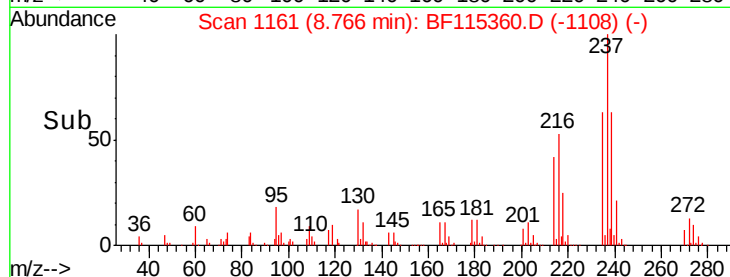
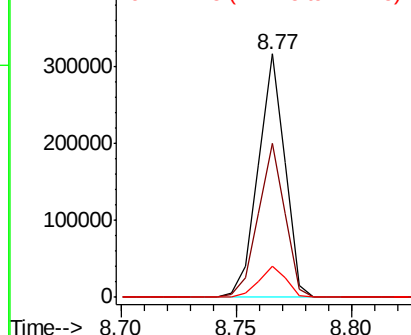
237 100

235 63.3 42.6 82.6

272 12.9 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.898 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

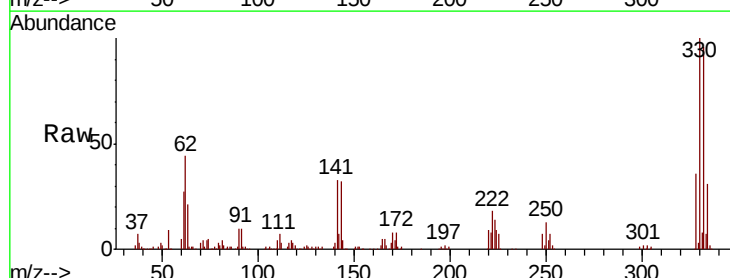
Tgt Ion:330 Resp: 408971

Ion Ratio Lower Upper

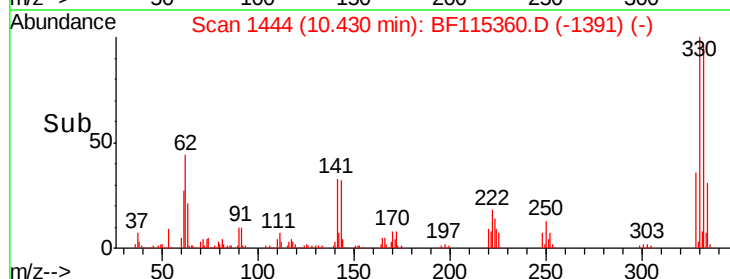
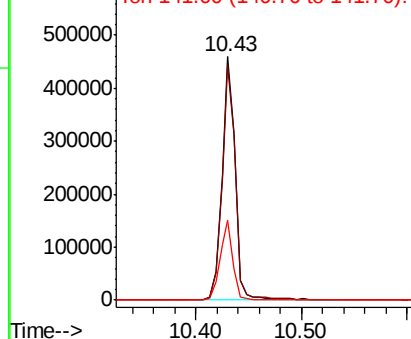
330 100

332 97.7 77.0 115.6

141 32.1 25.4 38.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

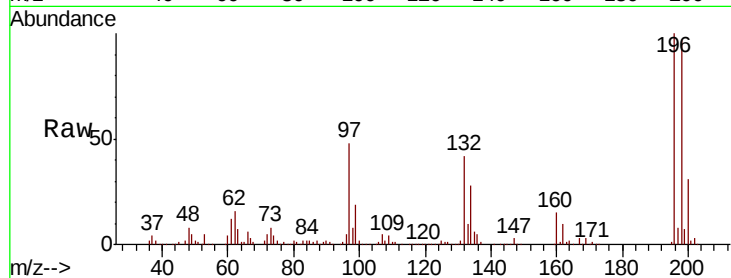




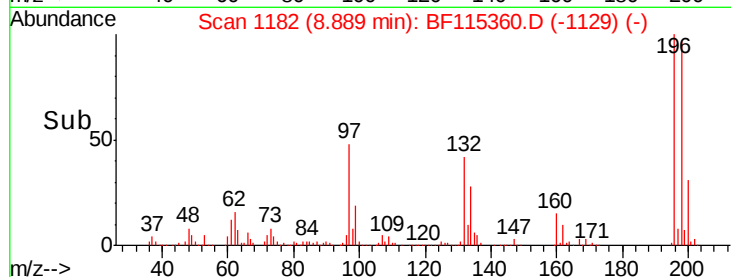
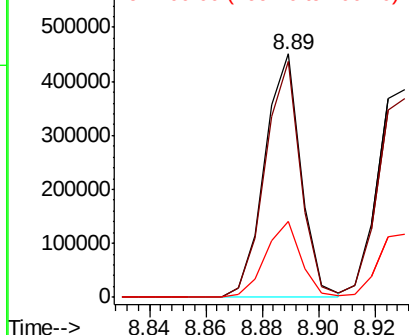
#43
 2,4,6-Trichlorophenol
 Concen: 38.847 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 401329
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.6 113.4
 200 31.0 24.2 36.2

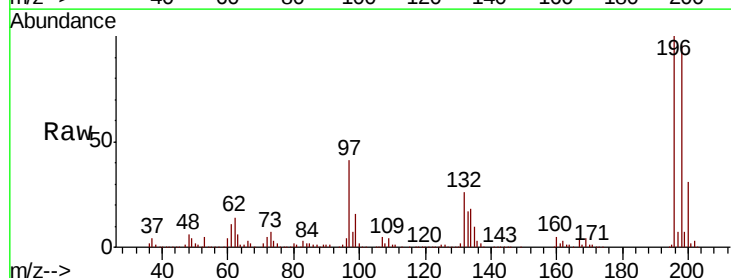


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

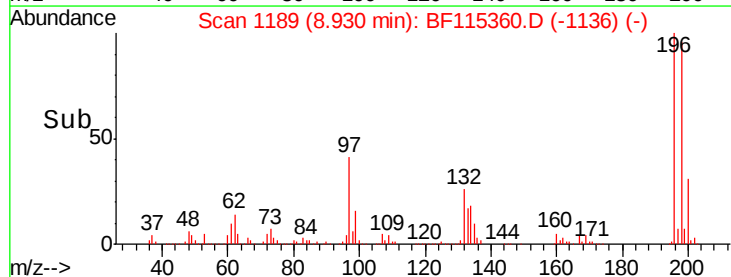
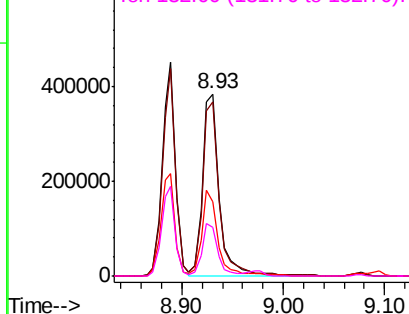


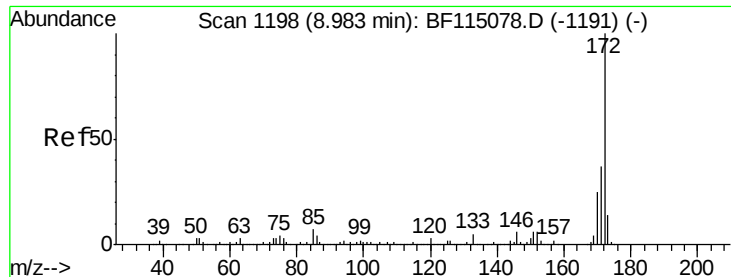
#44
 2,4,5-Trichlorophenol
 Concen: 40.974 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion:196 Resp: 435919
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.4 113.0
 97 41.1 37.5 56.3
 132 26.4 23.4 35.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

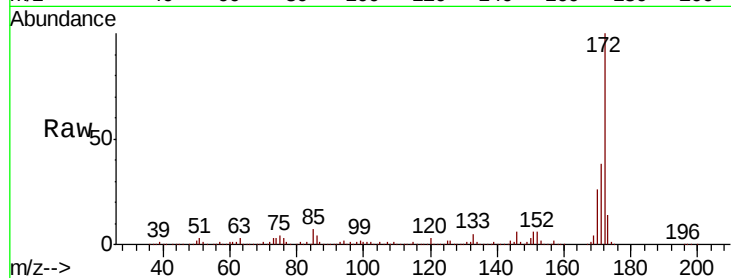




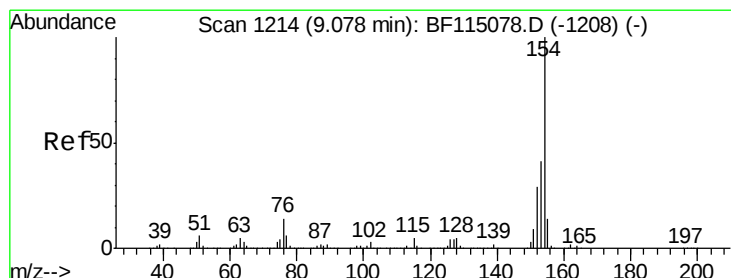
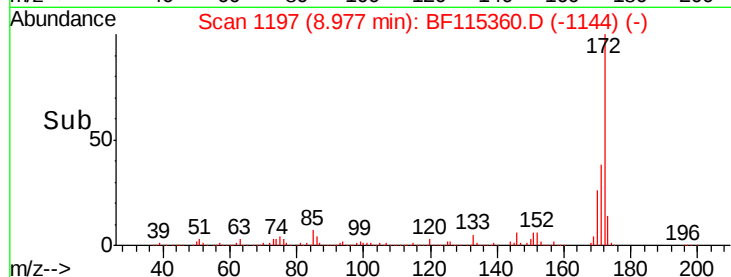
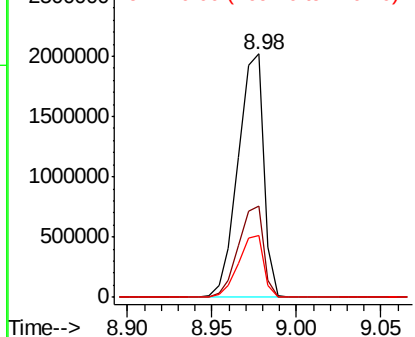
#45
2-Fluorobiphenyl
Concen: 76.749 ng
RT: 8.98 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2139602
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.8
170 25.6 20.2 30.4

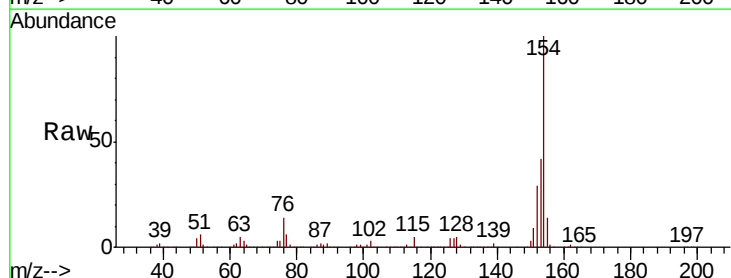


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

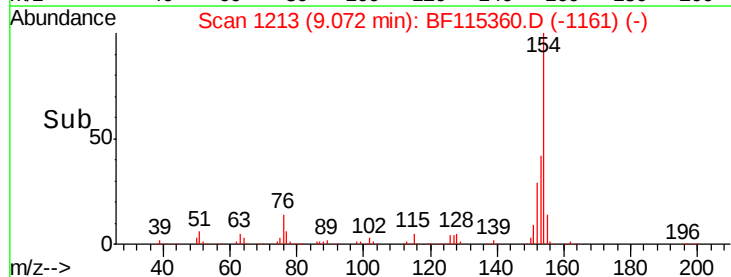
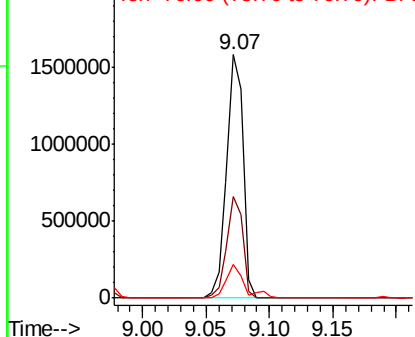


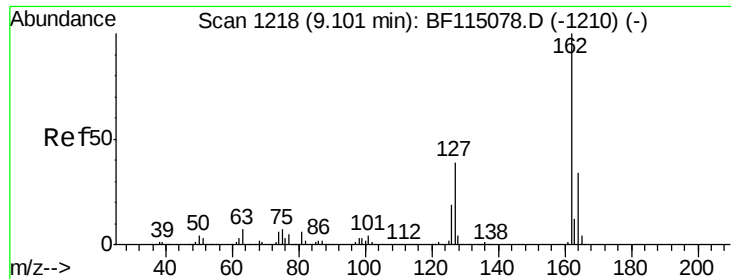
#46
1,1'-Biphenyl
Concen: 37.676 ng
RT: 9.07 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:154 Resp: 1427543
Ion Ratio Lower Upper
154 100
153 41.8 21.3 61.3
76 13.8 0.0 32.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

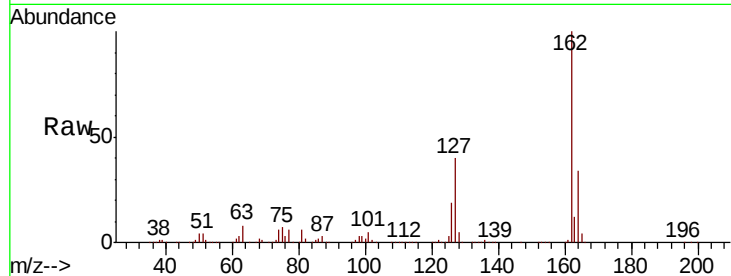




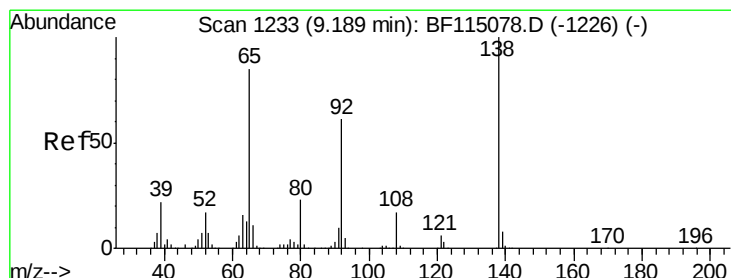
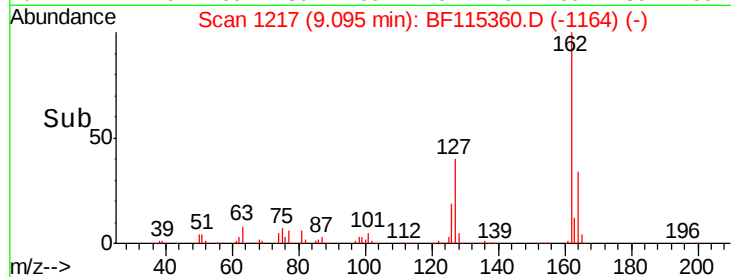
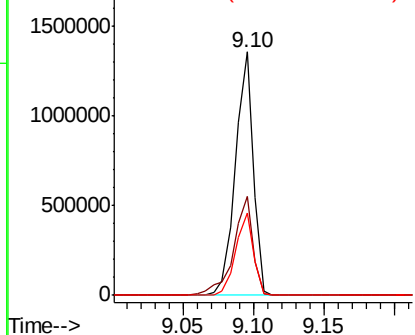
#47
 2-Chloronaphthalene
 Concen: 38.865 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1194491
 Ion Ratio Lower Upper
 162 100
 127 40.4 32.5 48.7
 164 34.0 26.7 40.1

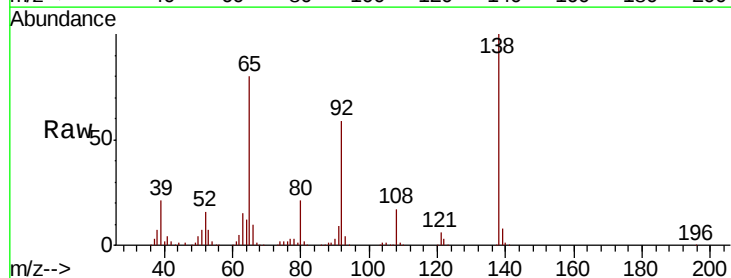


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

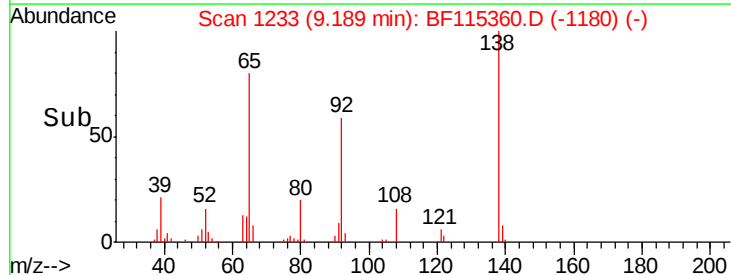
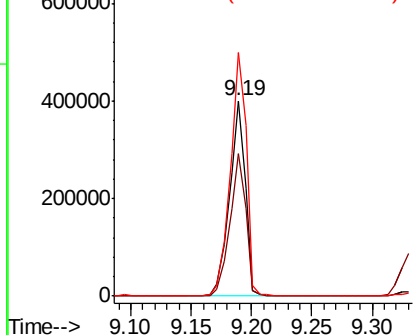


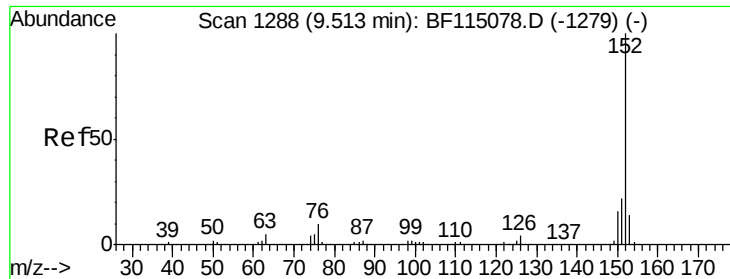
#48
 2-Nitroaniline
 Concen: 40.534 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion: 65 Resp: 363202
 Ion Ratio Lower Upper
 65 100
 92 73.2 58.7 88.1
 138 124.6 97.0 145.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.374 ng

RT: 9.51 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

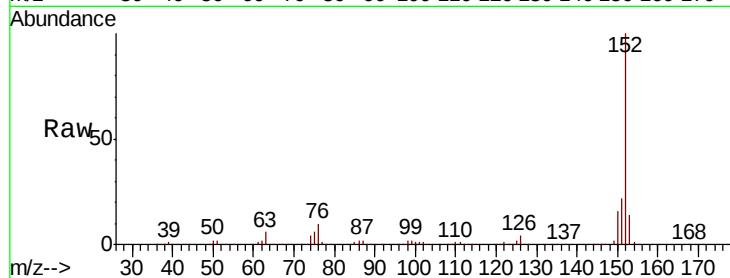
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1837547

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.3	25.9
153	14.1	11.4	17.2

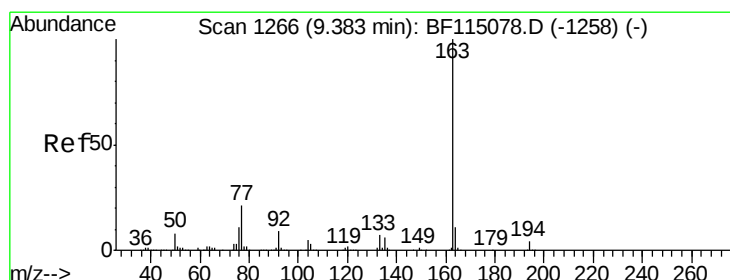
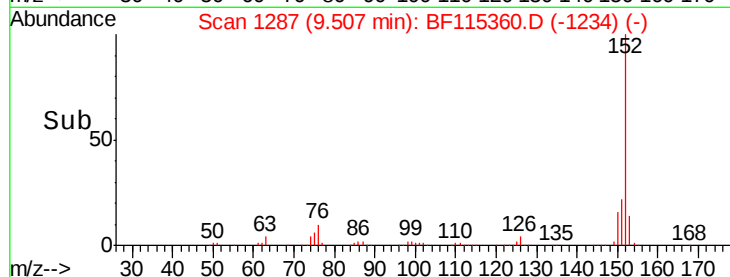
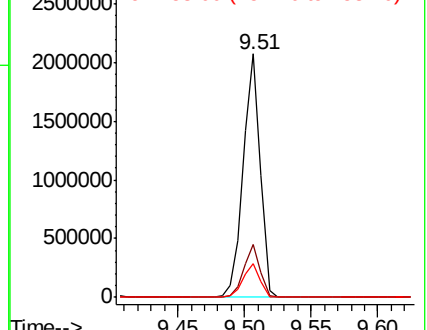


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.903 ng

RT: 9.38 min Scan# 1266

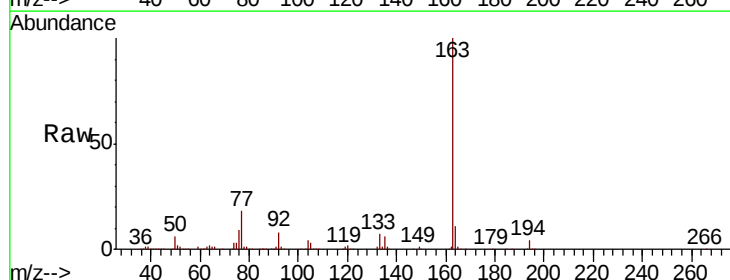
Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Tgt Ion:163 Resp: 1390185

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.6	8.0	12.0

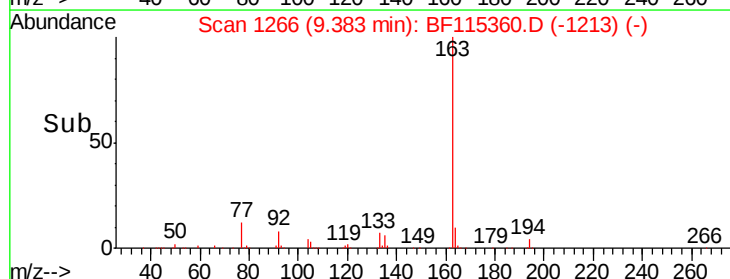
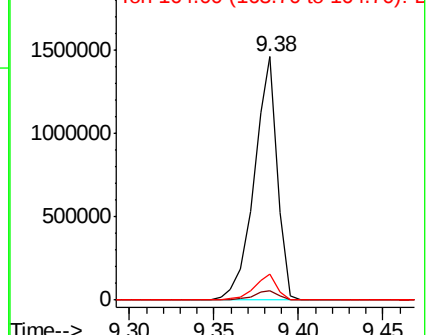


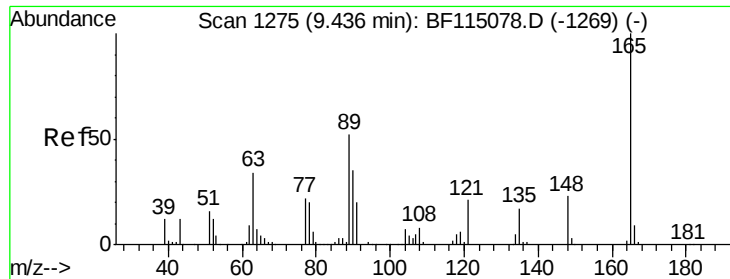
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

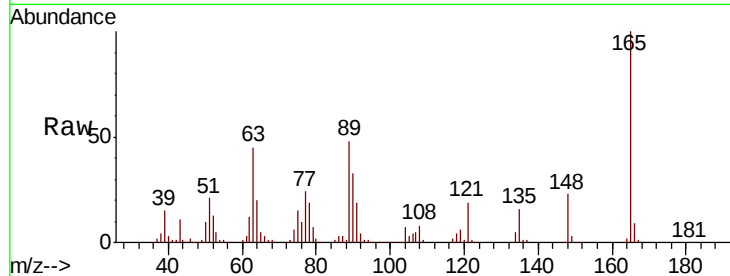




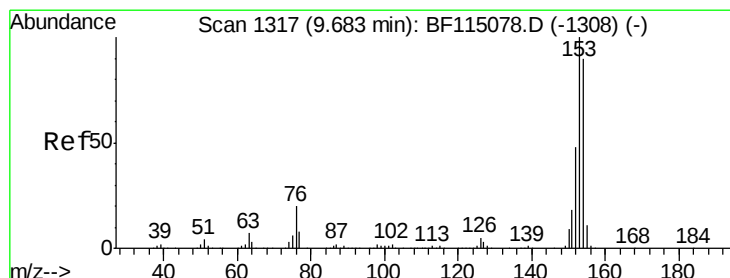
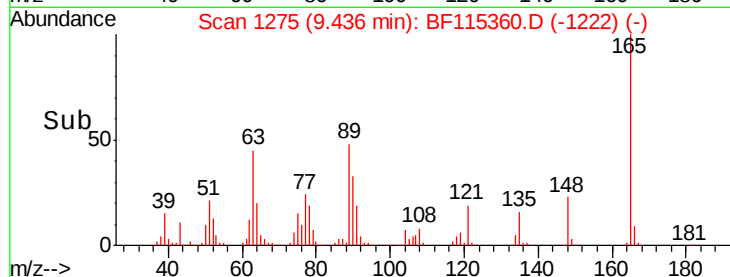
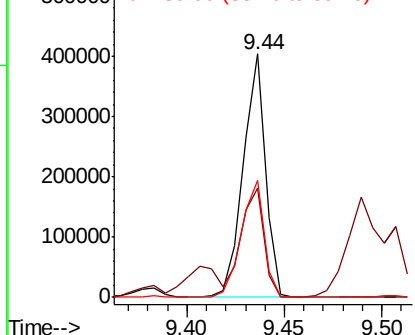
#51
2,6-Dinitrotoluene
Concen: 39.798 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 320109
Ion Ratio Lower Upper
165 100
63 44.8 37.0 55.4
89 48.1 40.4 60.6

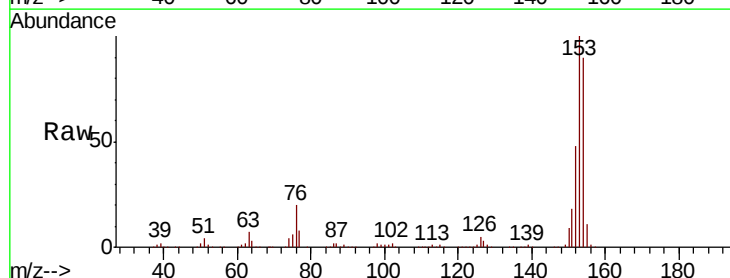


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

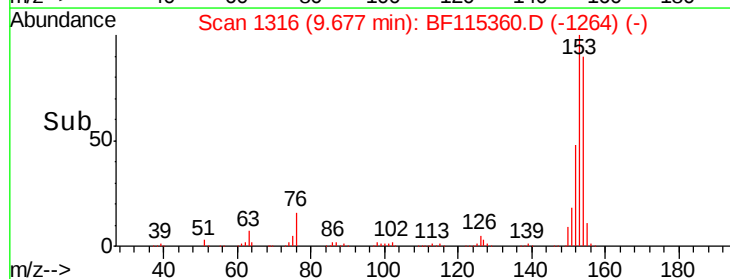
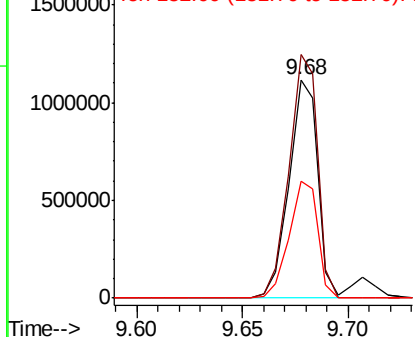


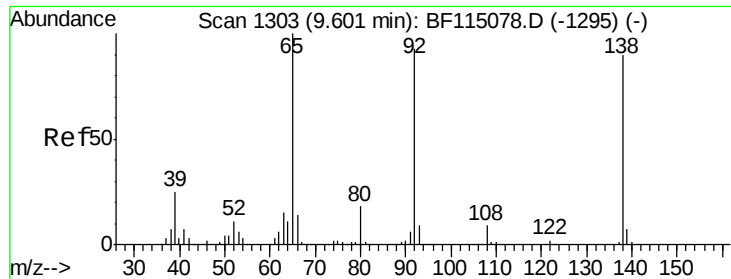
#52
Acenaphthene
Concen: 35.365 ng
RT: 9.68 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:154 Resp: 1059679
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.6
152 53.6 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

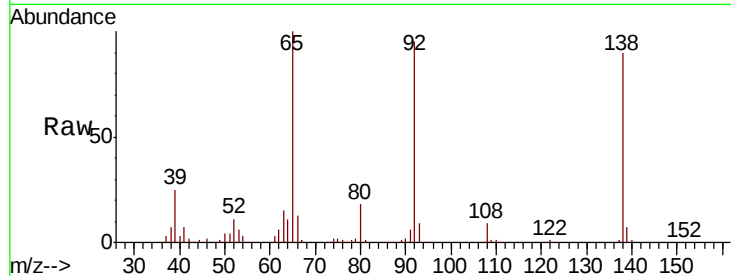




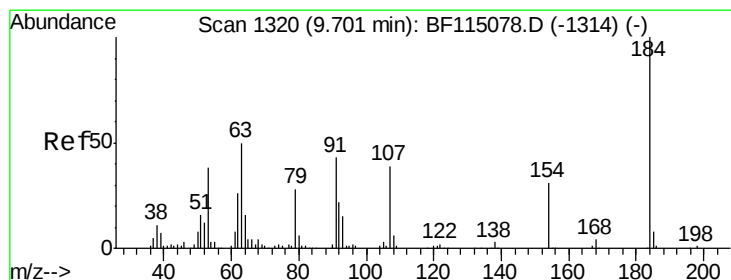
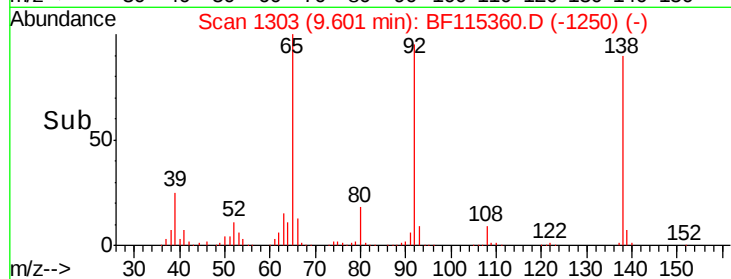
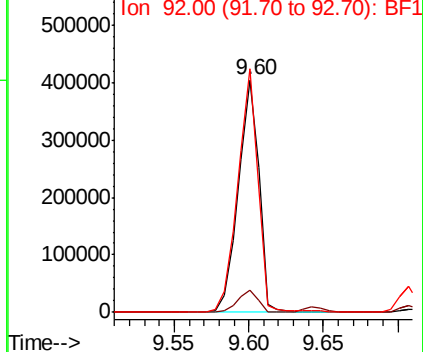
#53
3-Nitroaniline
Concen: 39.948 ng
RT: 9.60 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 392113
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 104.8 82.9 124.3

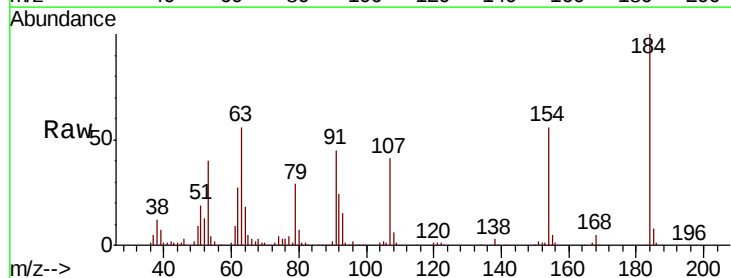


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

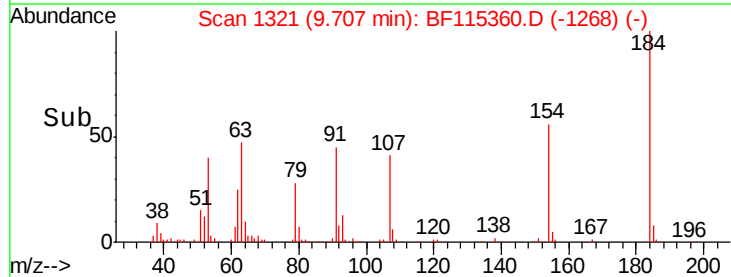
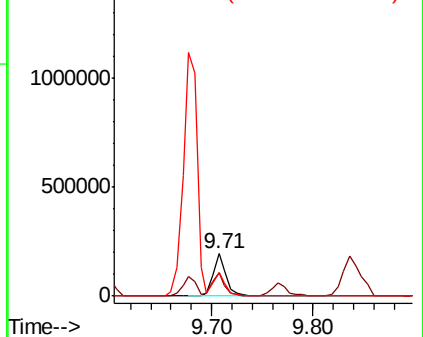


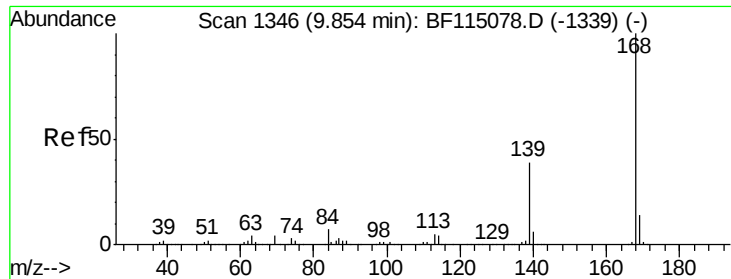
#54
2,4-Dinitrophenol
Concen: 45.611 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:184 Resp: 174391
Ion Ratio Lower Upper
184 100
63 55.8 49.4 74.0
154 56.3 47.5 71.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

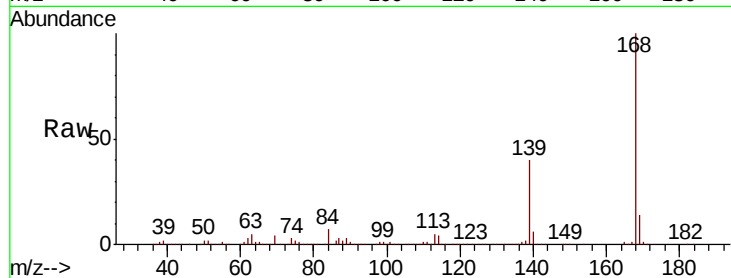




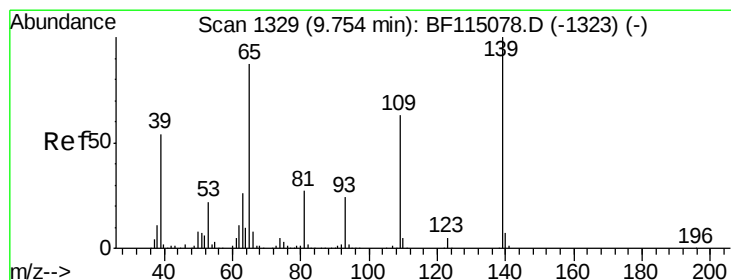
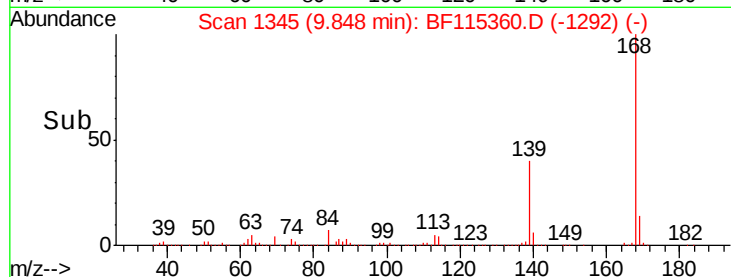
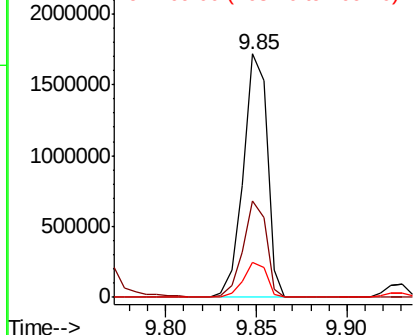
#55
Dibenzofuran
Concen: 36.721 ng
RT: 9.85 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1579254
Ion Ratio Lower Upper
168 100
139 39.7 31.4 47.2
169 14.2 11.5 17.3

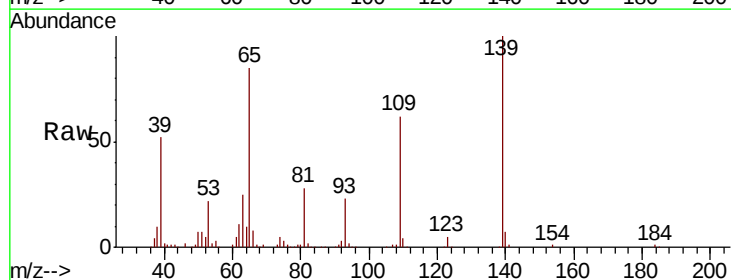


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

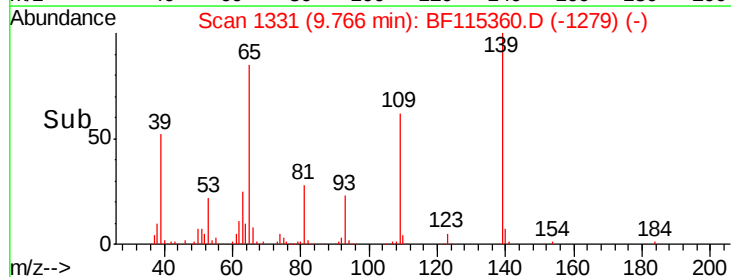
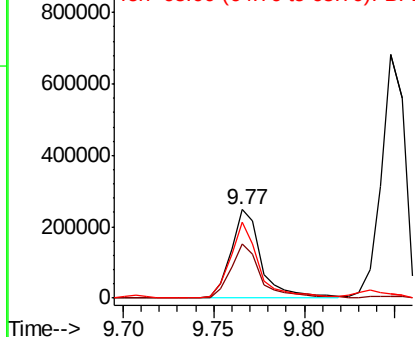


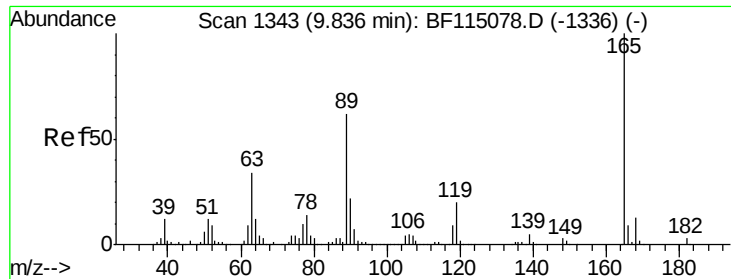
#56
4-Nitrophenol
Concen: 36.786 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:139 Resp: 289475
Ion Ratio Lower Upper
139 100
109 61.7 38.6 78.6
65 85.4 54.7 94.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

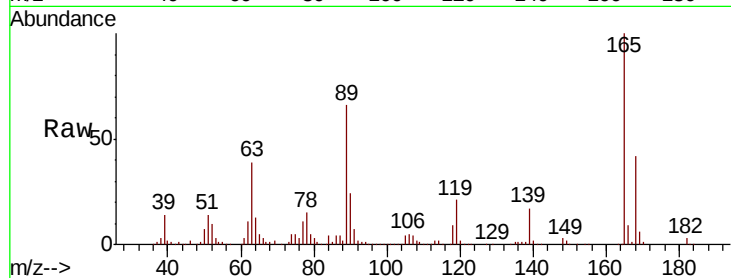




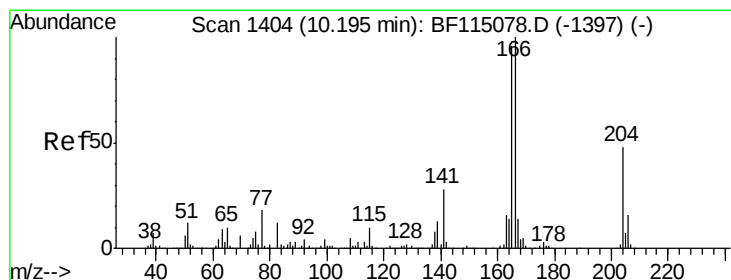
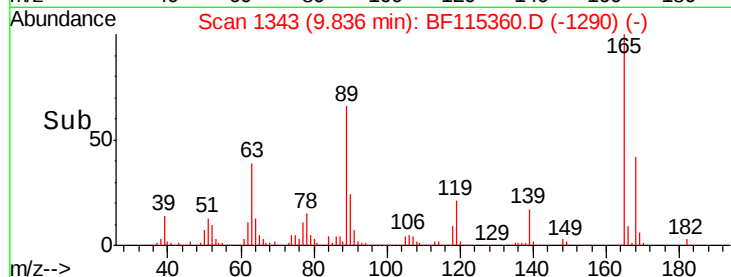
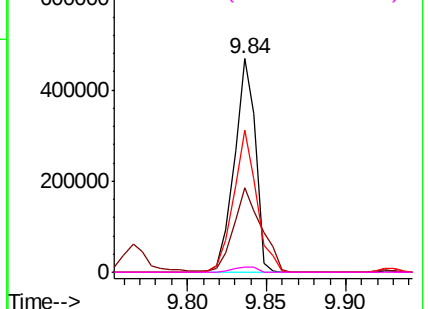
#57
2,4-Dinitrotoluene
Concen: 41.386 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	429816
Ion Ratio	Lower	Upper
165	100	
63	39.5	31.2 46.8
89	66.3	52.8 79.2
182	2.7	2.2 3.2

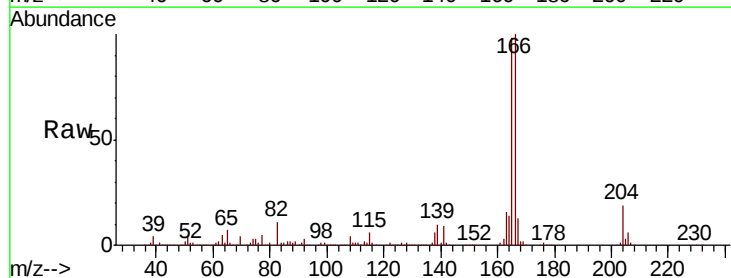


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

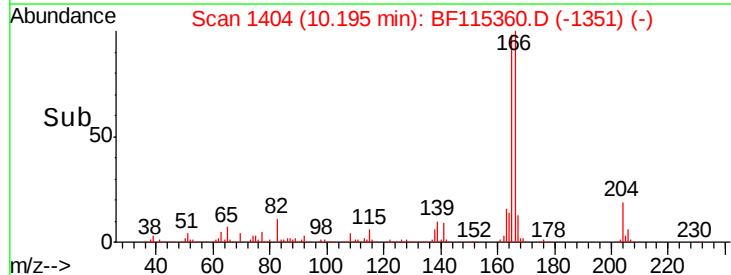
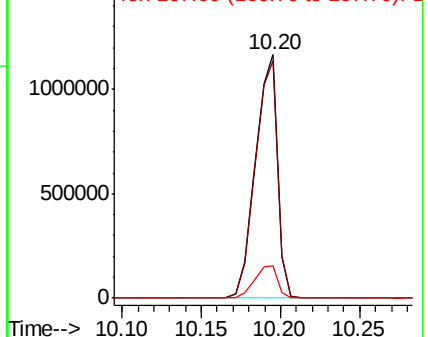


#58
Fluorene
Concen: 38.413 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:166	Resp:	1127517
Ion Ratio	Lower	Upper
166	100	
165	97.6	78.5 117.7
167	13.2	10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

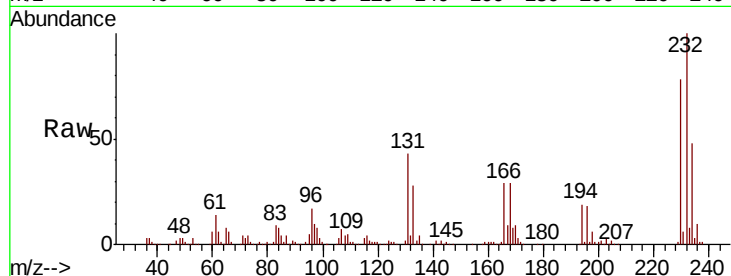




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.250 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.0	52.6
130	2.0	1.7	2.5
166	29.1	22.7	34.1



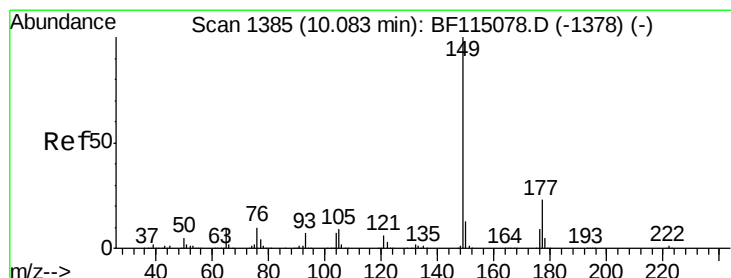
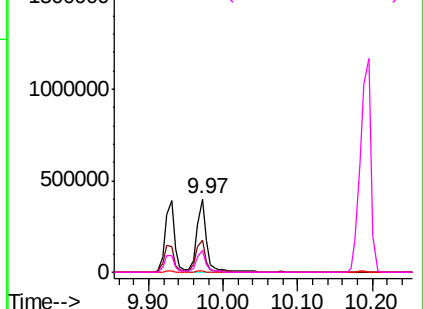
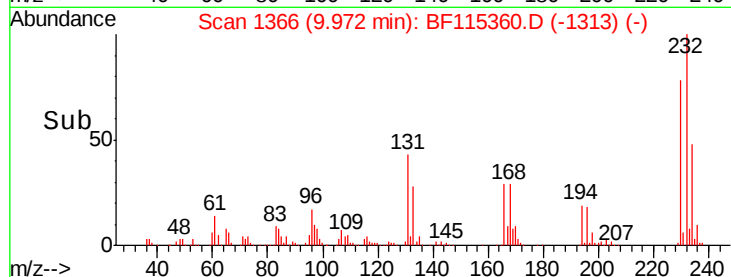
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

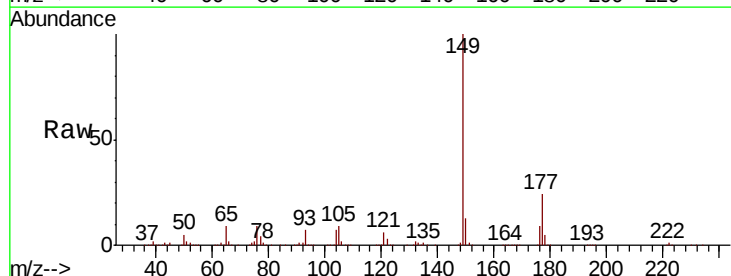
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.674 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.1	28.7
150	13.0	10.2	15.2

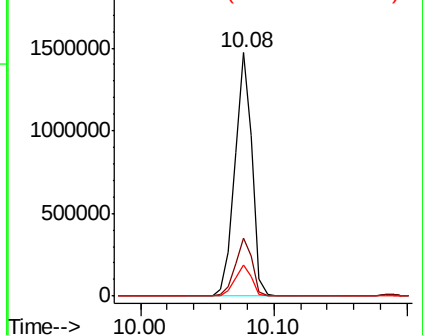
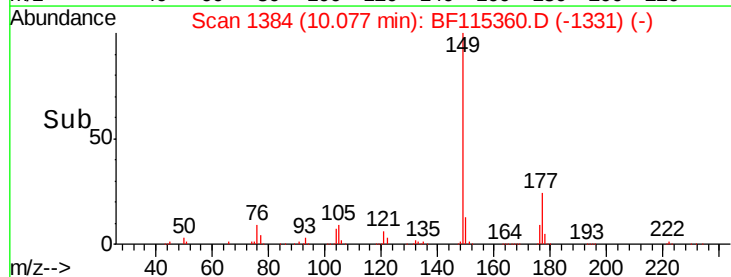


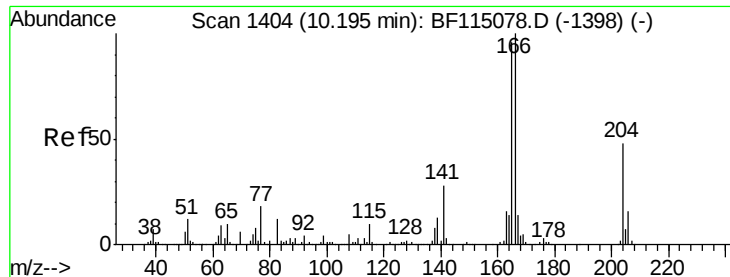
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

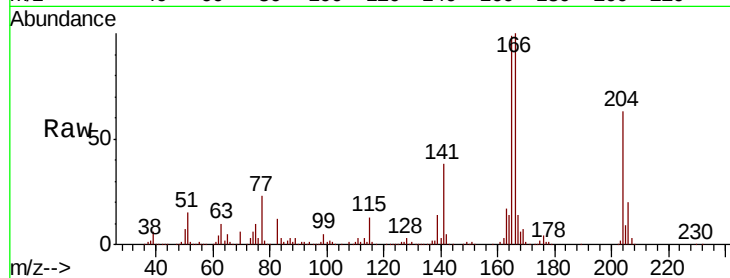




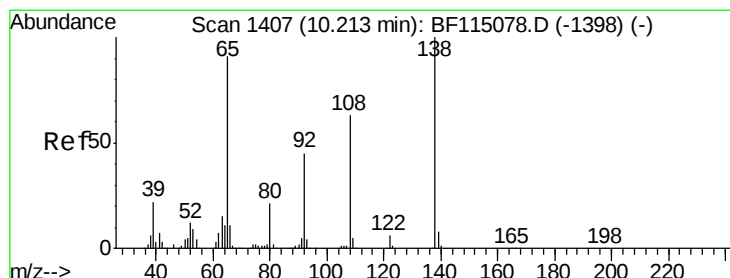
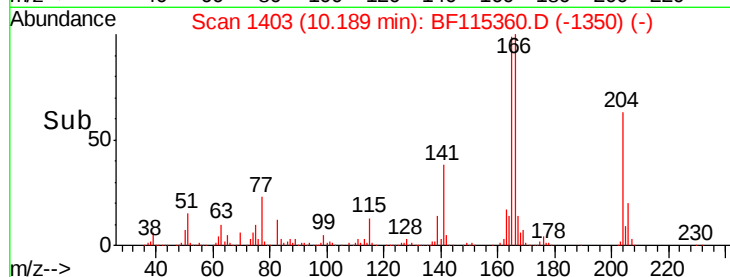
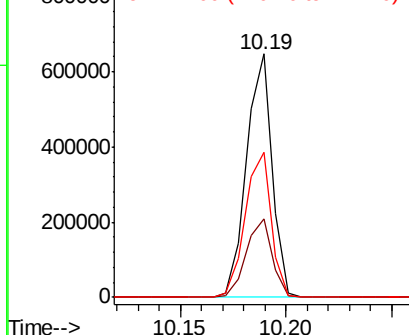
#61
4-Chlorophenyl-phenylether
Concen: 39.090 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 544063
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 59.5 47.0 70.4

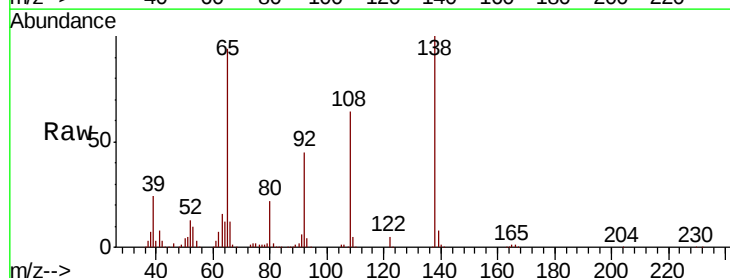


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

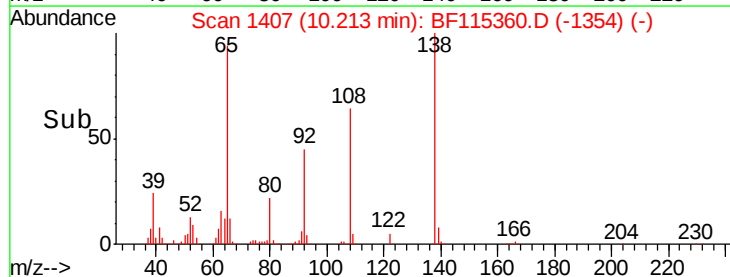
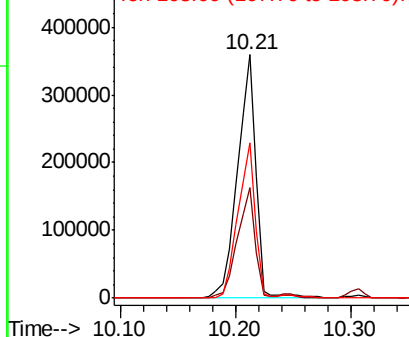


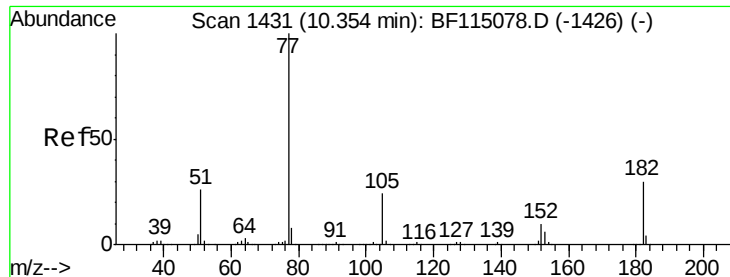
#62
4-Nitroaniline
Concen: 40.471 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:138 Resp: 398511
Ion Ratio Lower Upper
138 100
92 45.3 22.1 62.1
108 63.9 41.9 81.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.946 ng

RT: 10.35 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1208535

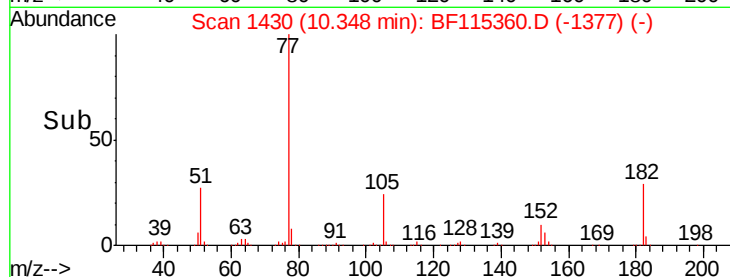
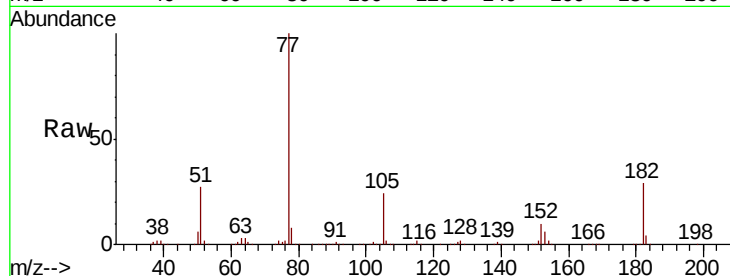
Ion Ratio Lower Upper

77 100

182 28.7 10.2 50.2

105 24.1 4.5 44.5

51 26.7 6.2 46.2

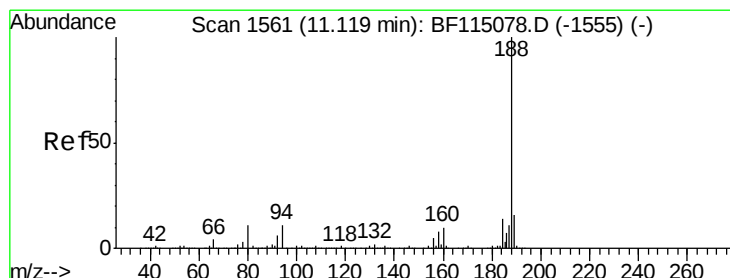
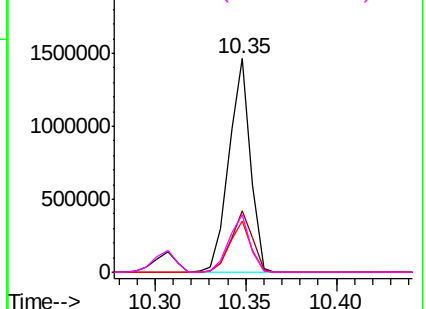


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

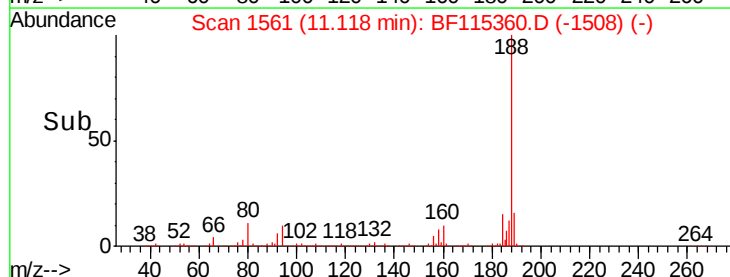
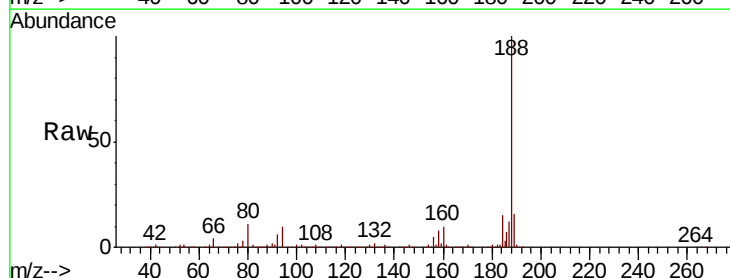
Tgt Ion: 188 Resp: 947465

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

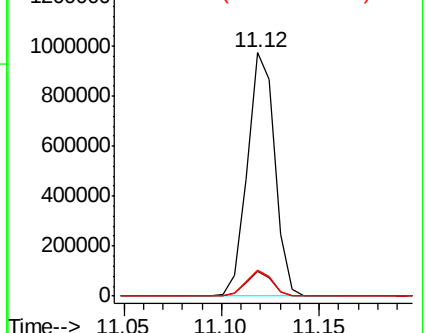
80 10.7 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

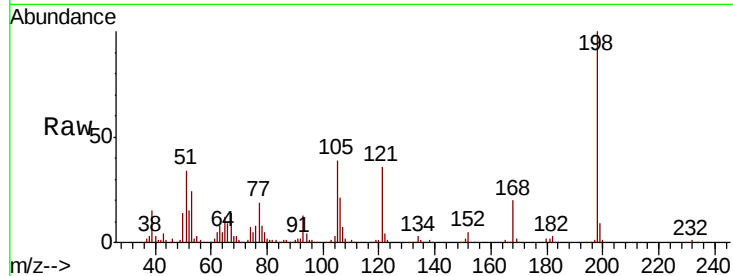




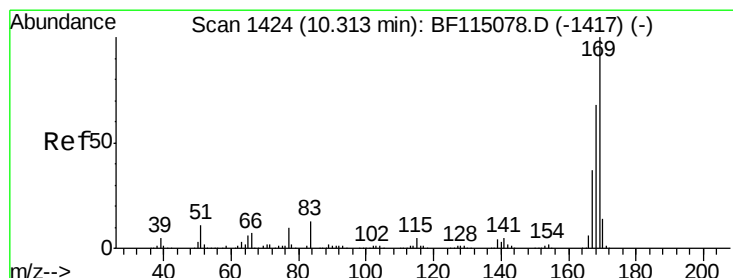
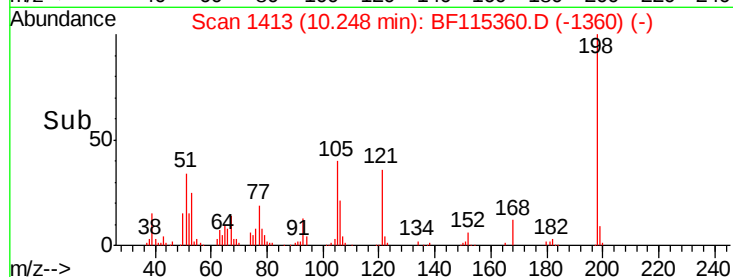
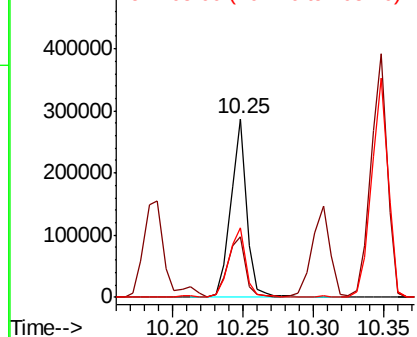
#65
4,6-Dinitro-2-methylphenol
Concen: 44.958 ng
RT: 10.25 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 224882
Ion Ratio Lower Upper
198 100
51 33.6 13.4 53.4
105 38.8 19.8 59.8

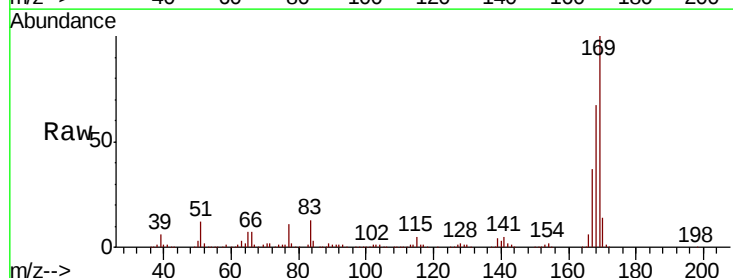


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

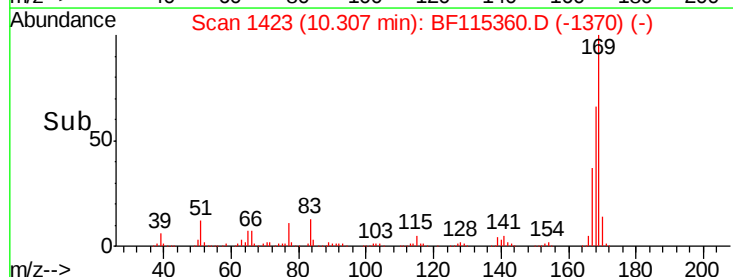
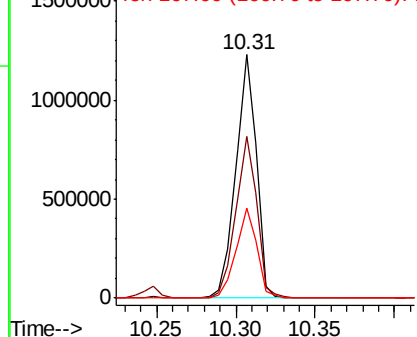


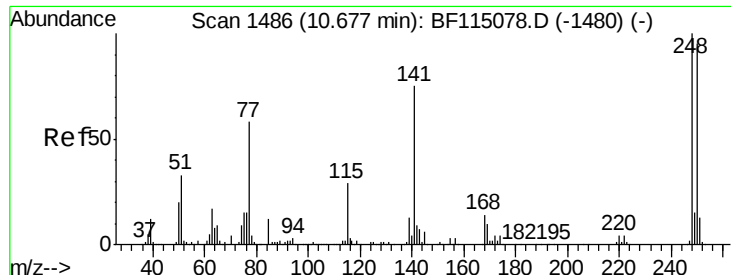
#66
n-Nitrosodiphenylamine
Concen: 37.513 ng
RT: 10.31 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:169 Resp: 1107306
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.4
167 37.0 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

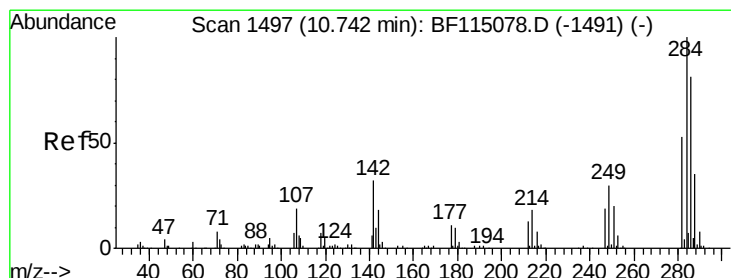
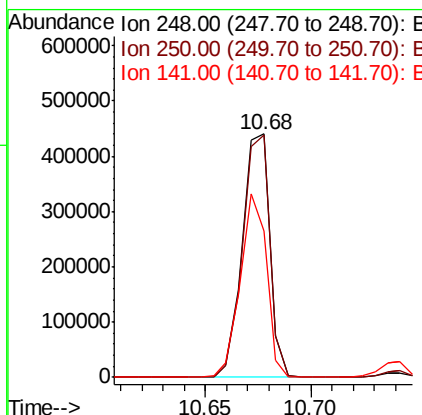
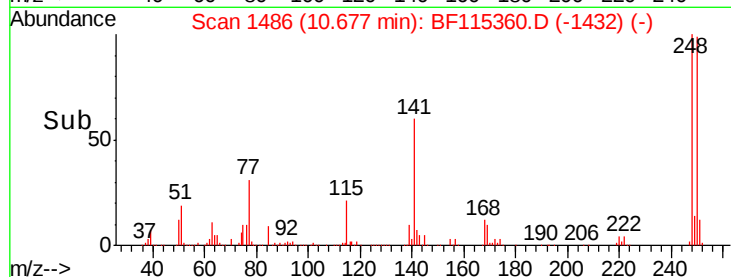
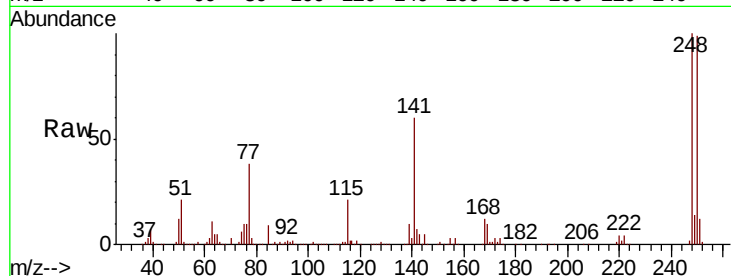




#67
 4-Bromophenyl-phenylether
 Concen: 38.908 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.02 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

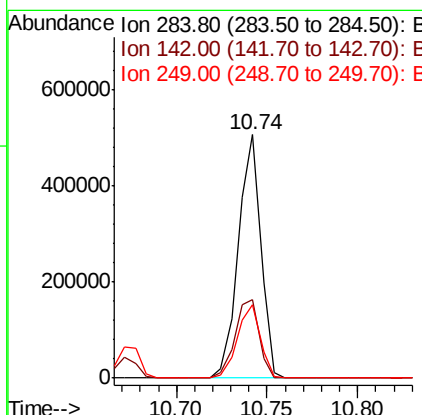
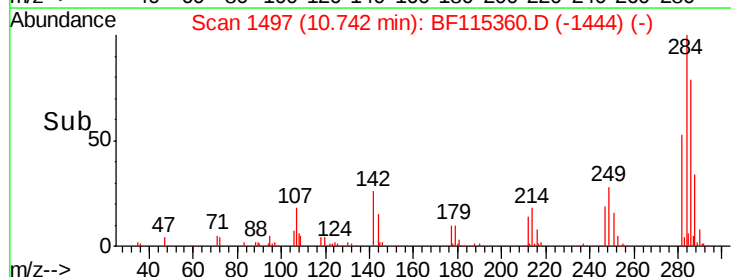
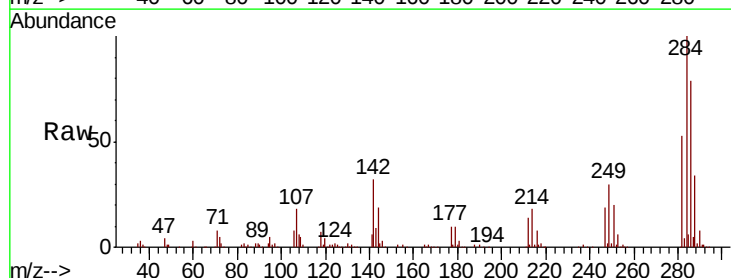
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 399681
 Ion Ratio Lower Upper
 248 100
 250 99.4 78.3 117.5
 141 59.9 59.1 88.7



#68
 Hexachlorobenzene
 Concen: 39.294 ng
 RT: 10.74 min Scan# 1497
 Delta R.T. 0.01 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion:284 Resp: 438136
 Ion Ratio Lower Upper
 284 100
 142 32.0 24.2 36.2
 249 30.3 24.2 36.4

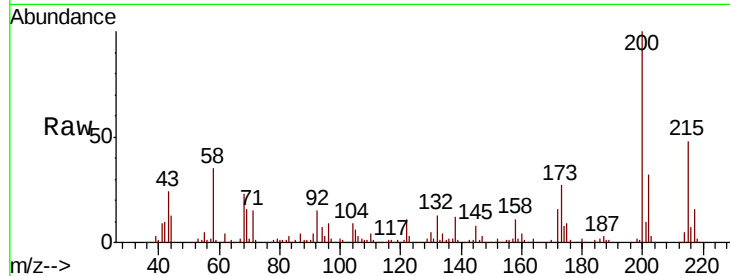




#69
Atrazine
Concen: 39.245 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.02 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.0	48.0
215	48.1	28.7	68.7

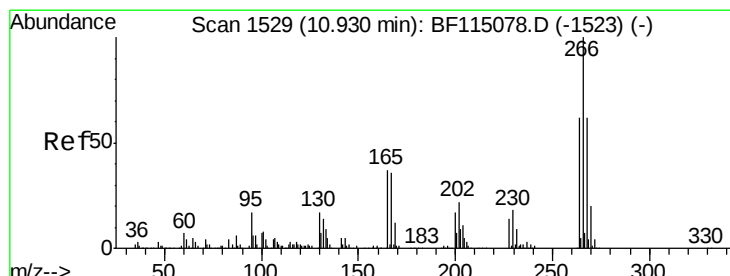
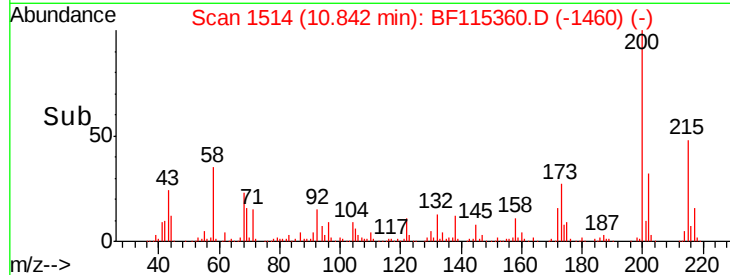
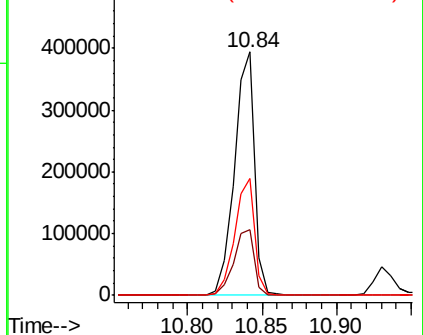


Abundance

Ion 200.00 (199.70 to 200.70): E

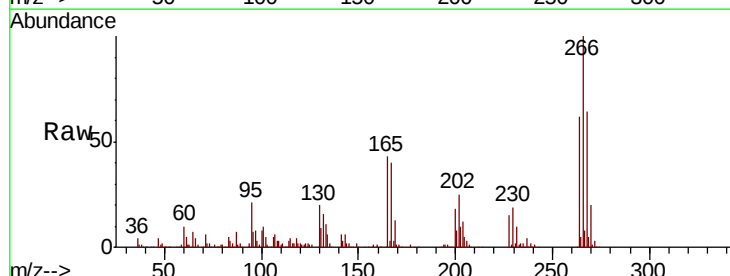
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 39.488 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	53.4	80.2
264	62.1	50.2	75.2

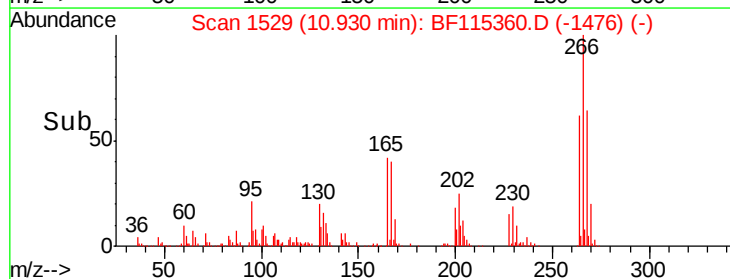
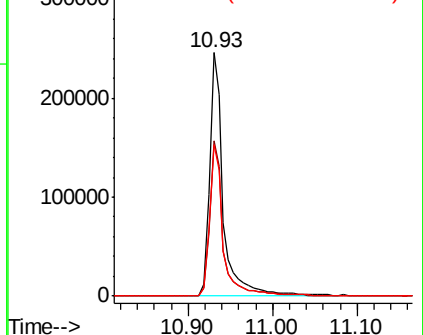


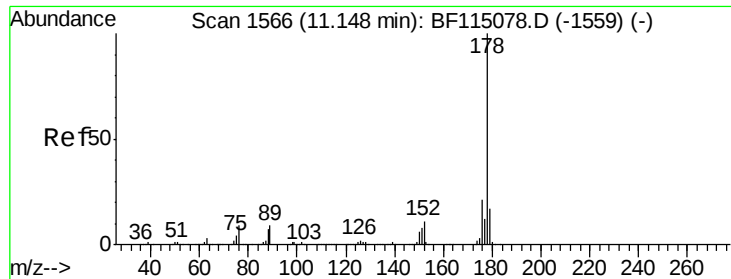
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

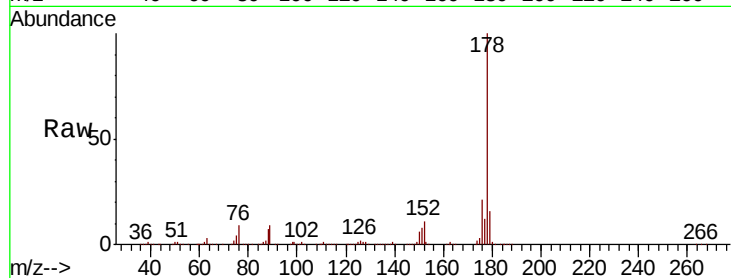




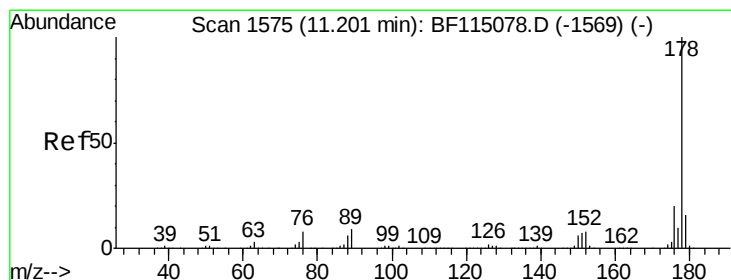
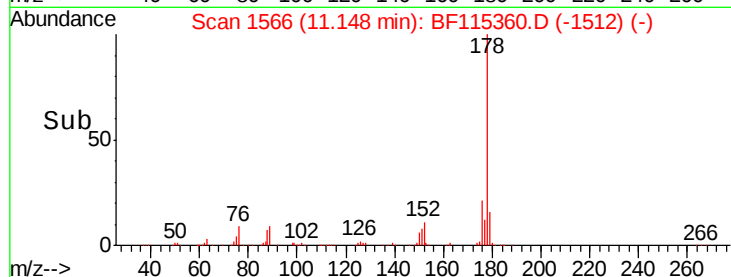
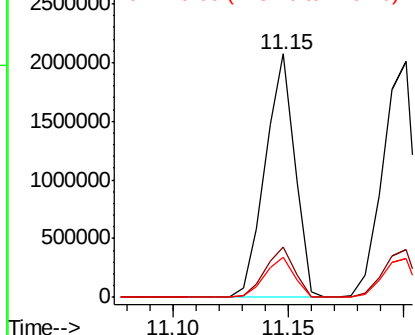
#71
Phenanthrene
Concen: 36.295 ng
RT: 11.15 min Scan# 1566
Delta R.T. 0.02 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1851520
Ion Ratio Lower Upper
178 100
176 20.9 16.4 24.6
179 16.3 13.1 19.7

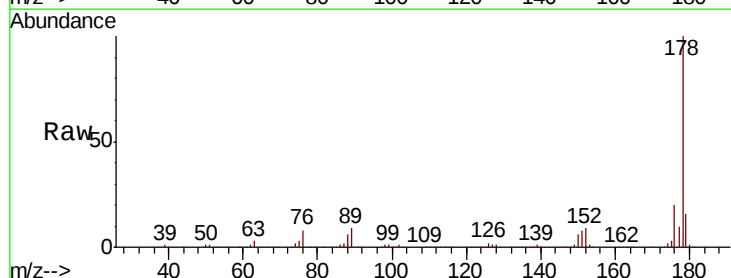


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

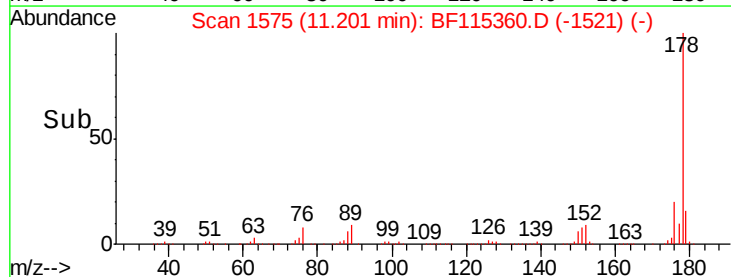
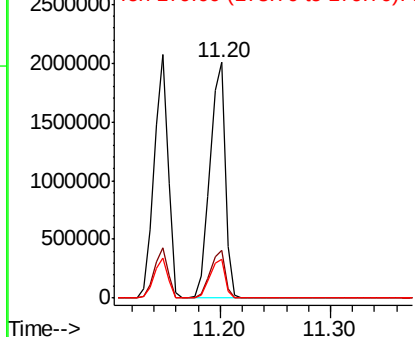


#72
Anthracene
Concen: 36.524 ng
RT: 11.20 min Scan# 1575
Delta R.T. 0.02 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:178 Resp: 1880745
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

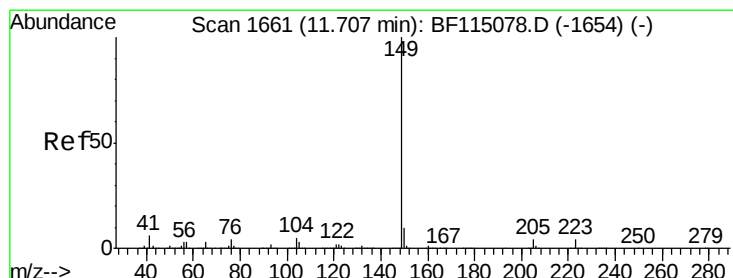
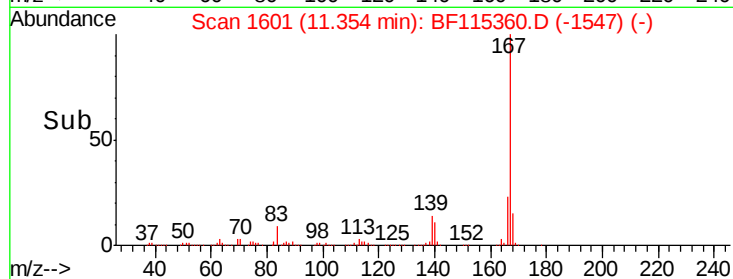
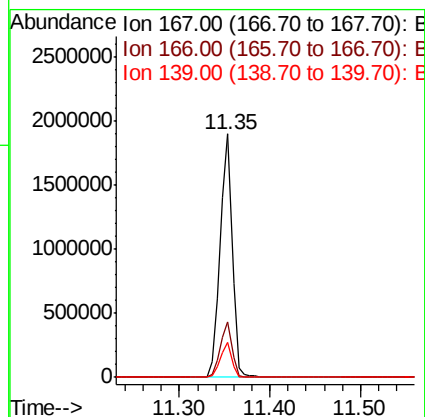
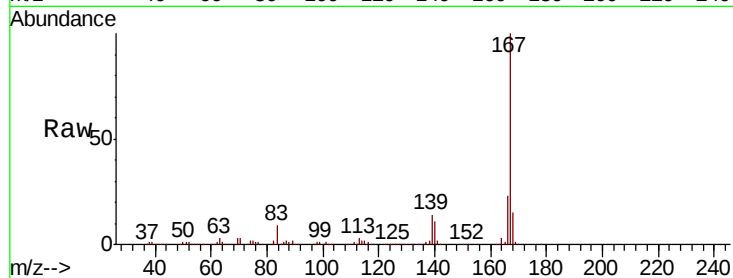




#73
 Carbazole
 Concen: 38.034 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.02 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

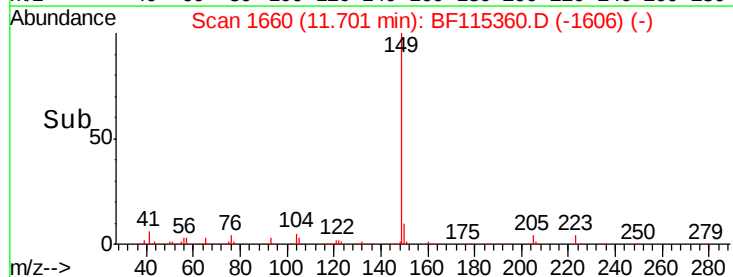
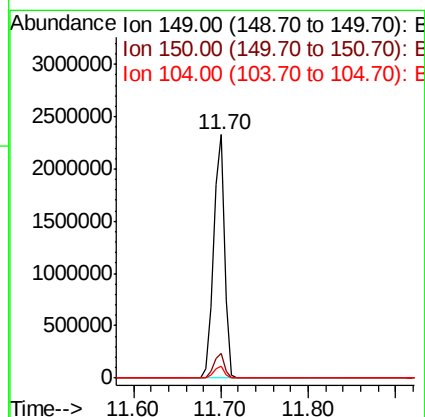
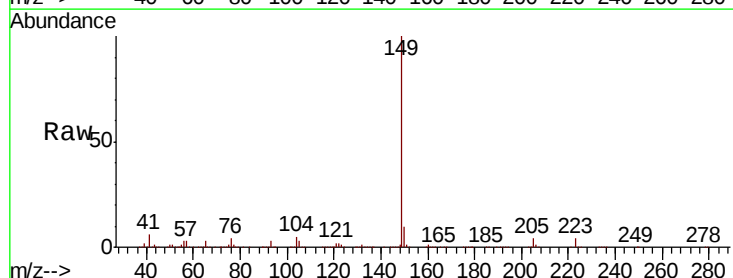
Instrument :
 BNA_F
 ClientSampleId :

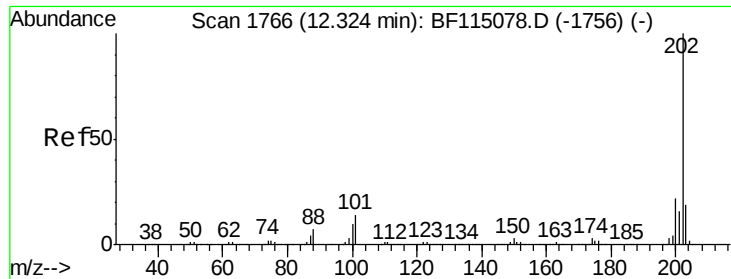
Tot Ion:167 Resp: 1748880
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.2 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 38.133 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. 0.02 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion:149 Resp: 2026200
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.1 12.1
 104 4.7 3.9 5.9

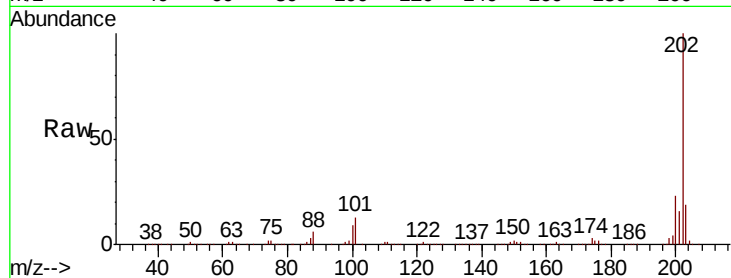




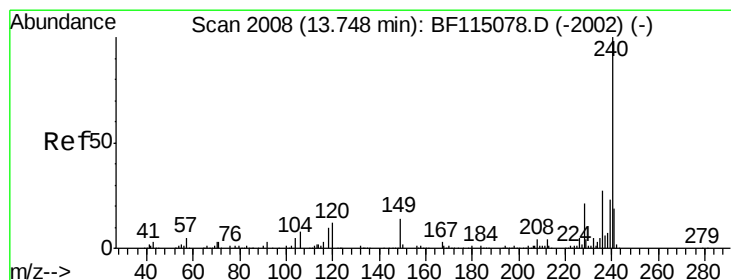
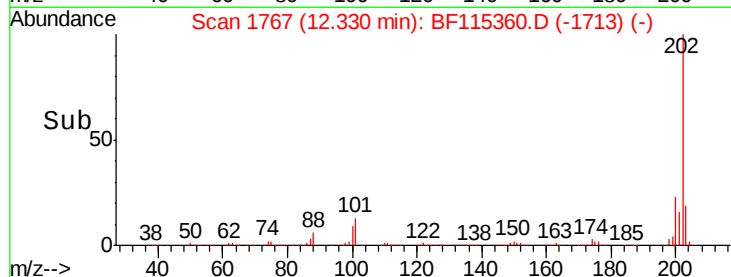
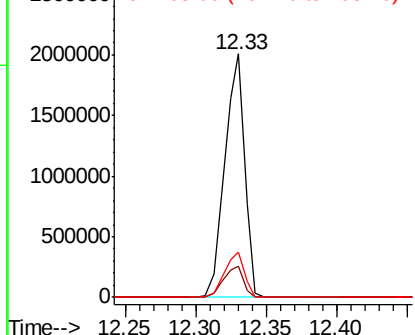
#75
 Fluoranthene
 Concen: 38.312 ng
 RT: 12.33 min Scan# 1767
 Delta R.T. 0.02 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1950000
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 32.6
 203 18.6 0.0 38.2

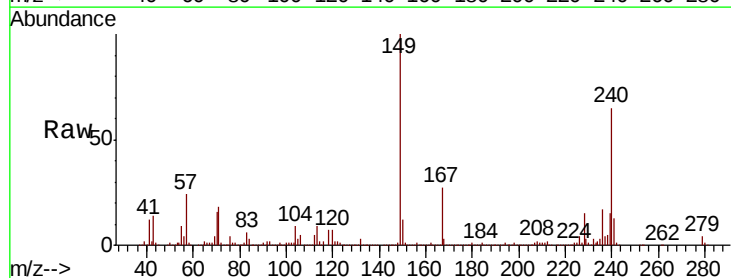


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

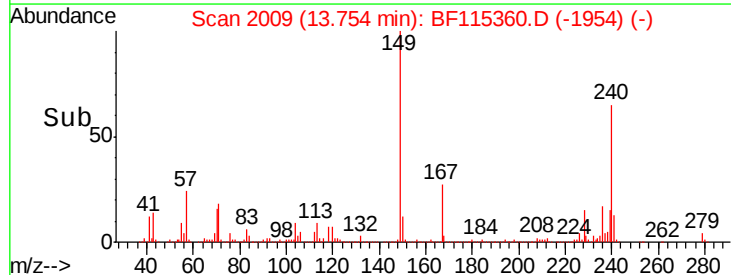
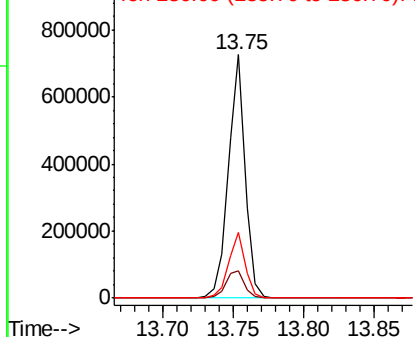


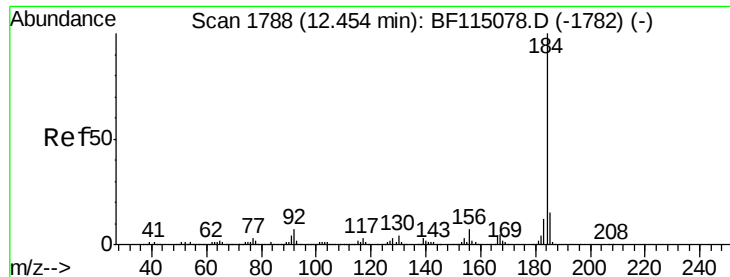
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. 0.02 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion:240 Resp: 596559
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.8 16.2
 236 26.8 21.8 32.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.653 ng

RT: 12.45 min Scan# 1788

Delta R.T. 0.02 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Instrument :

BNA_F

ClientSampleId :

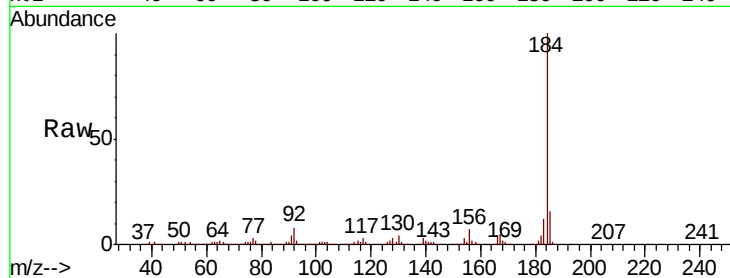
Tot Ion:184 Resp: 944430

Ion Ratio Lower Upper

184 100

185 15.8 12.5 18.7

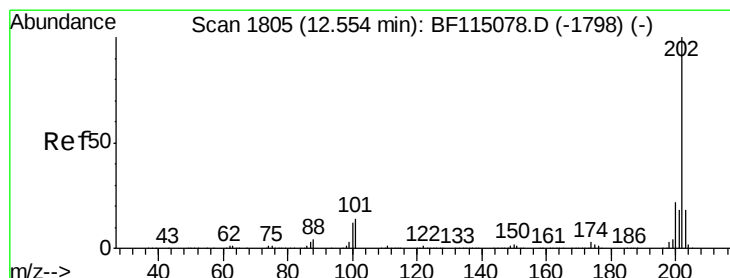
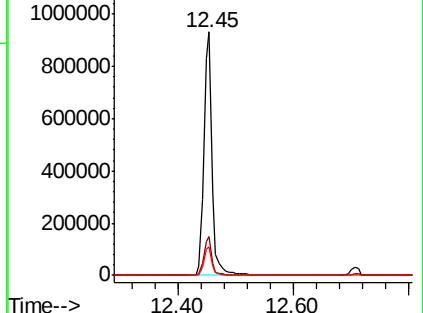
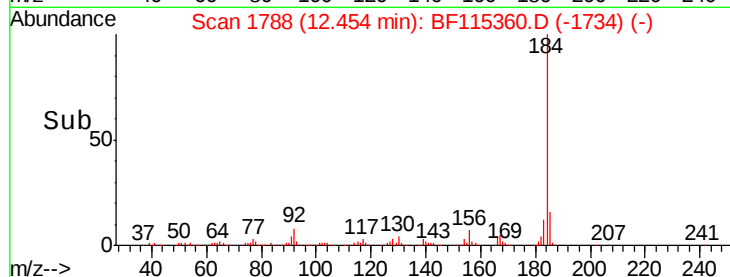
183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.812 ng

RT: 12.55 min Scan# 1805

Delta R.T. 0.02 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

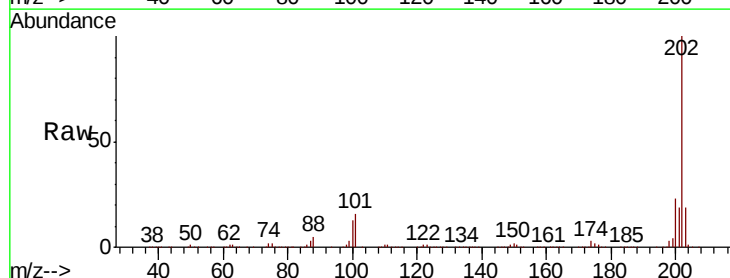
Tgt Ion:202 Resp: 2008609

Ion Ratio Lower Upper

202 100

200 23.0 18.3 27.5

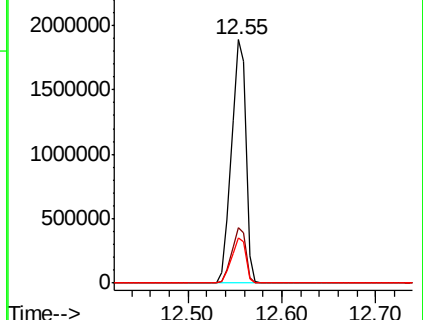
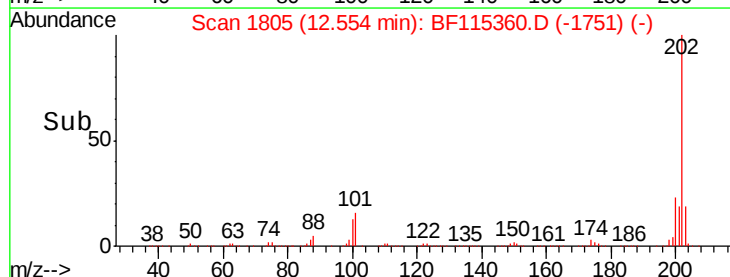
203 18.8 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

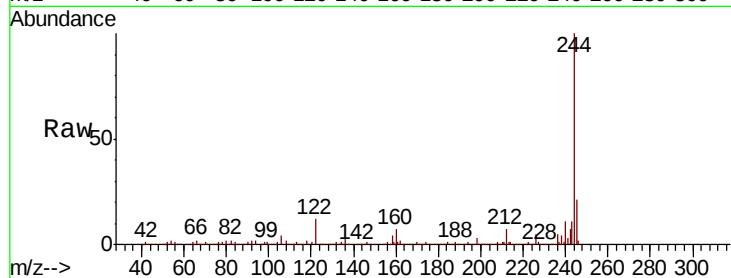




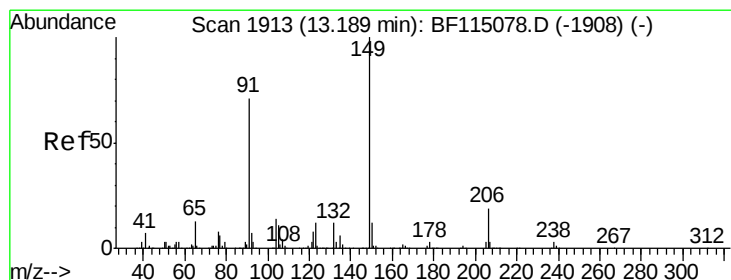
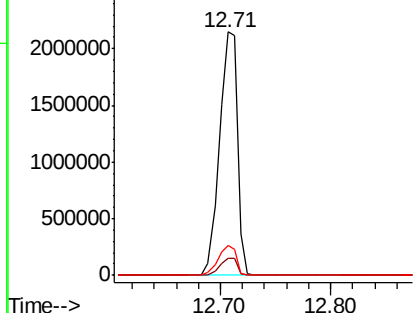
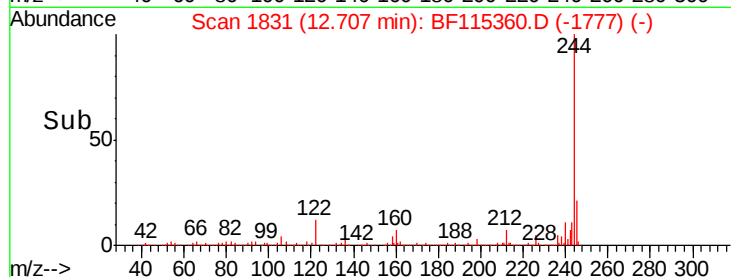
#79
 Terphenyl-d14
 Concen: 87.151 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2445306
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 12.2 9.9 14.9

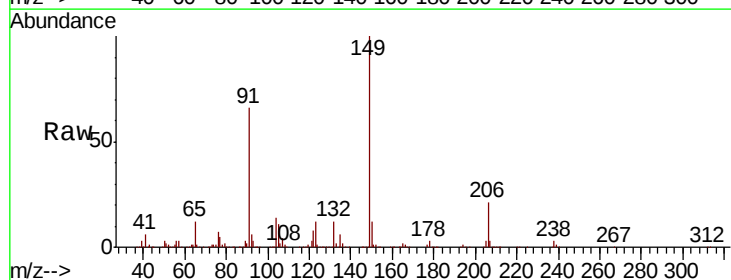


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

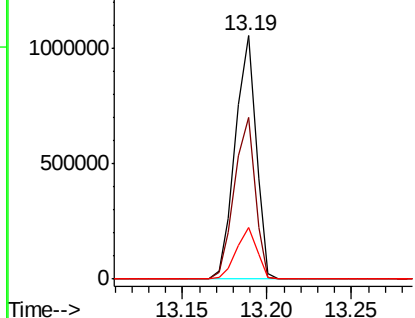
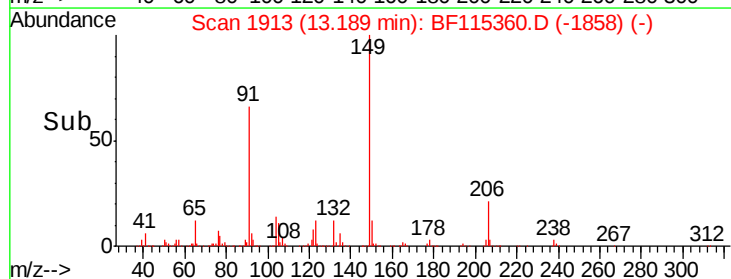


#80
 Butylbenzylphthalate
 Concen: 44.852 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.02 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion:149 Resp: 907463
 Ion Ratio Lower Upper
 149 100
 91 66.2 54.6 81.8
 206 21.1 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.899 ng

RT: 13.74 min Scan# 2007

Delta R.T. 0.02 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

Instrument :

BNA_F

ClientSampleId :

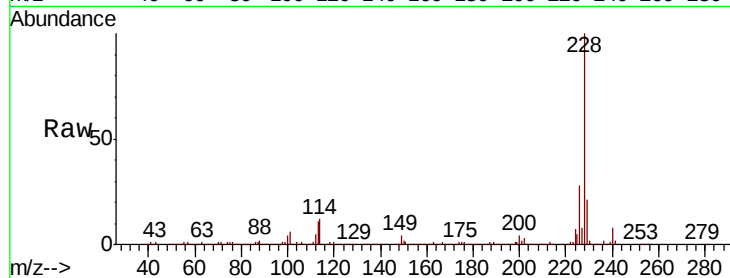
Tot Ion:228 Resp: 1793481

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

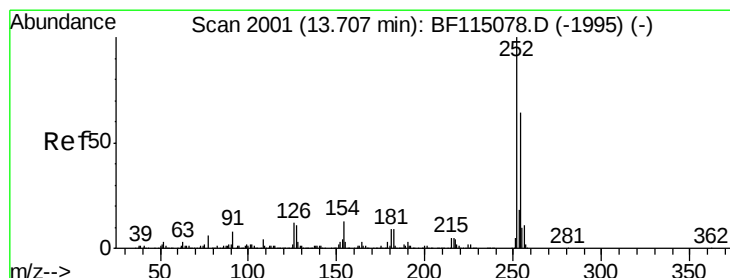
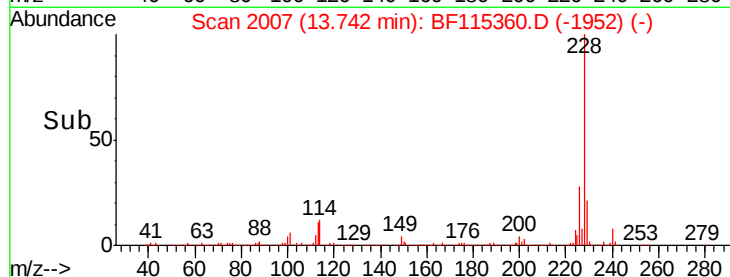
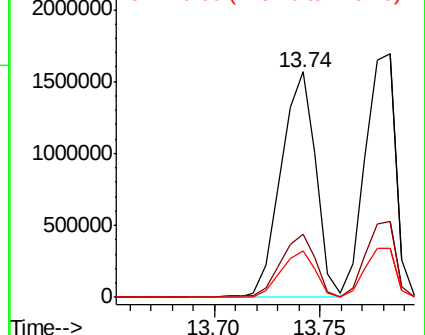
229 20.7 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.499 ng

RT: 13.71 min Scan# 2001

Delta R.T. 0.02 min

Lab File: BF115360.D

Acq: 2 Jul 2019 15:02

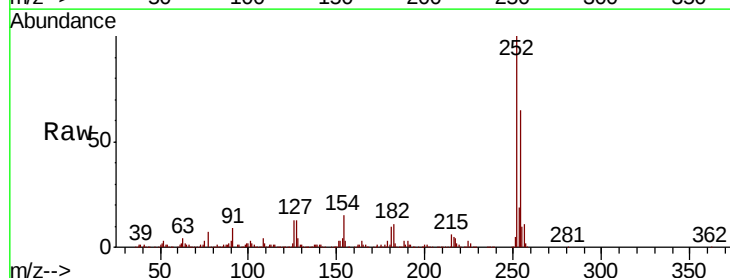
Tgt Ion:252 Resp: 641475

Ion Ratio Lower Upper

252 100

254 65.1 52.6 78.8

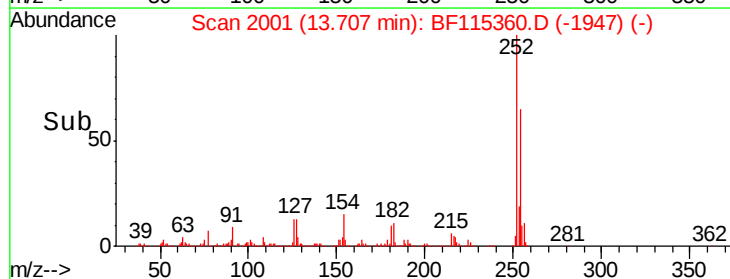
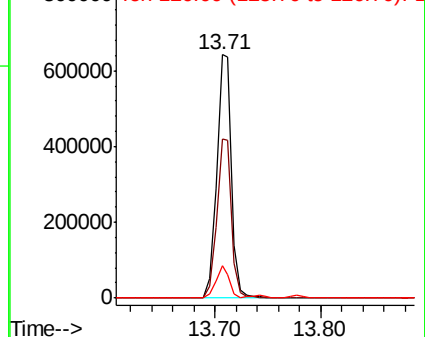
126 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

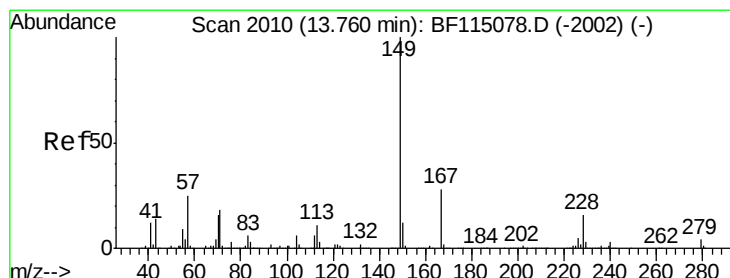
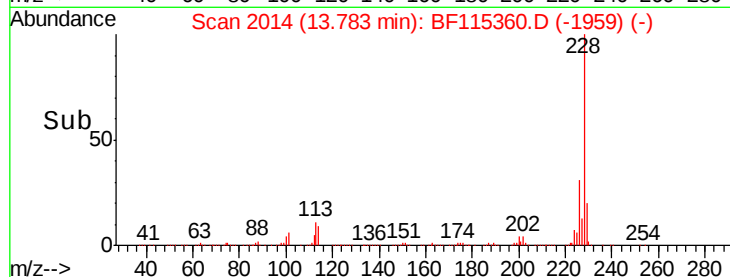
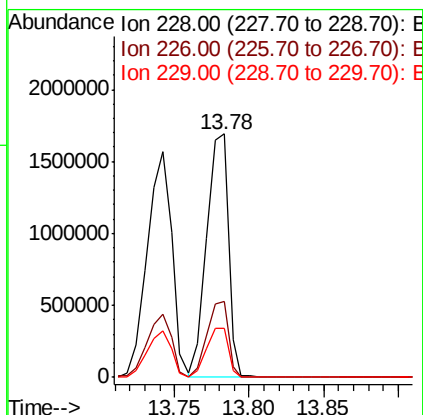
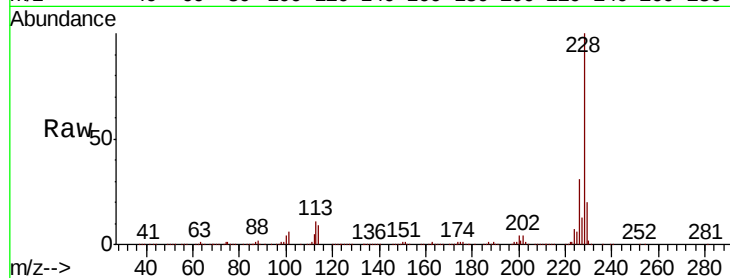




#83
 Chrysene
 Concen: 43.452 ng
 RT: 13.78 min Scan# 2014
 Delta R.T. 0.02 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

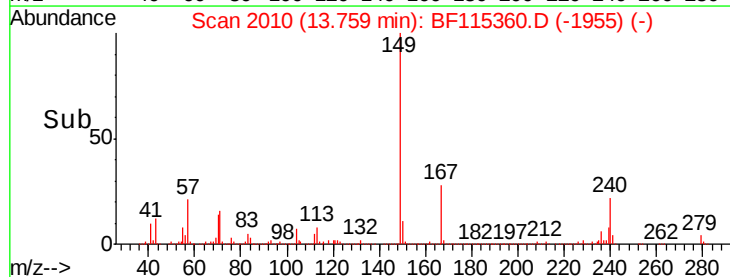
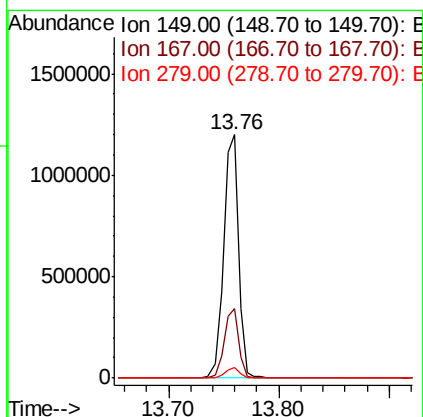
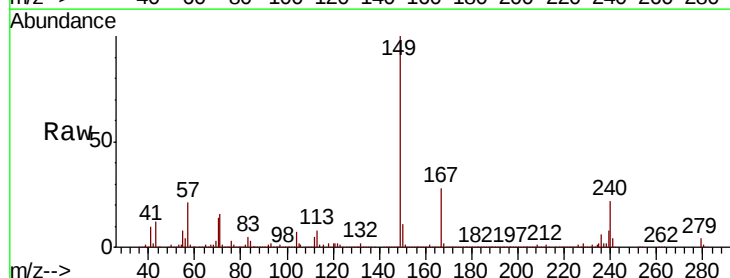
Instrument :
 BNA_F
 ClientSampleId :

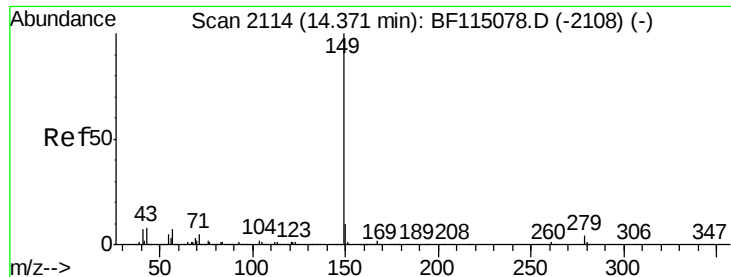
Tot Ion:228 Resp: 1703770
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.4 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.693 ng
 RT: 13.76 min Scan# 2010
 Delta R.T. 0.02 min
 Lab File: BF115360.D
 Acq: 2 Jul 2019 15:02

Tgt Ion:149 Resp: 1131812
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.2 33.2
 279 4.4 3.4 5.2

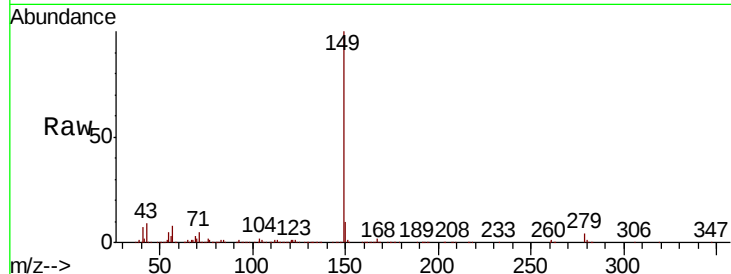




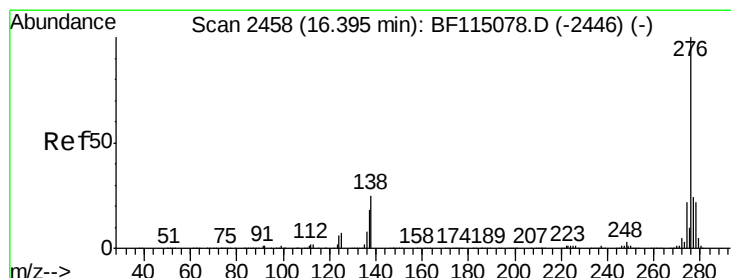
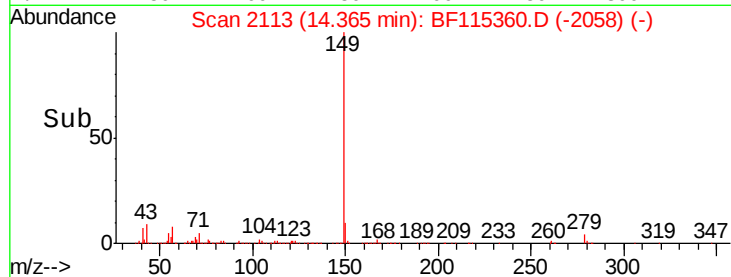
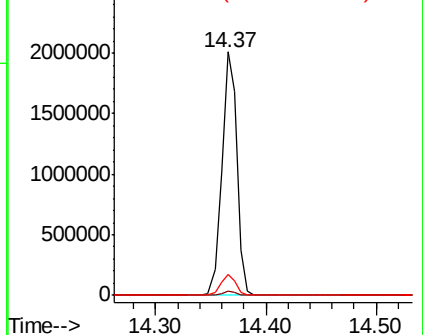
#85
Di-n-octyl phthalate
Concen: 42.568 ng
RT: 14.37 min Scan# 2113
Delta R.T. 0.02 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1896090
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 6.7 10.1

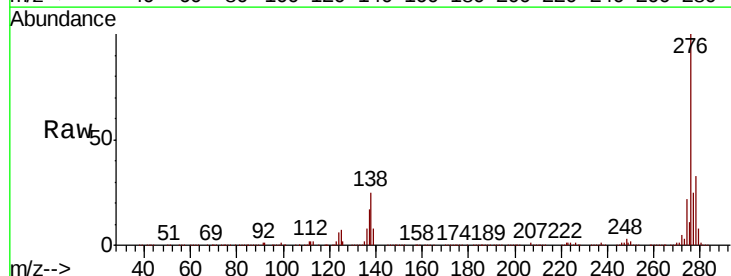


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

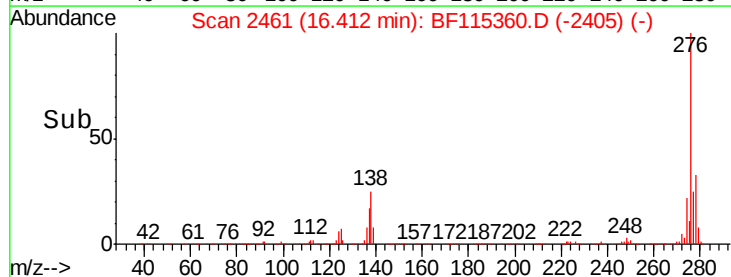
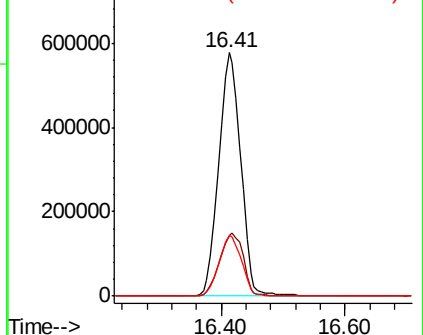


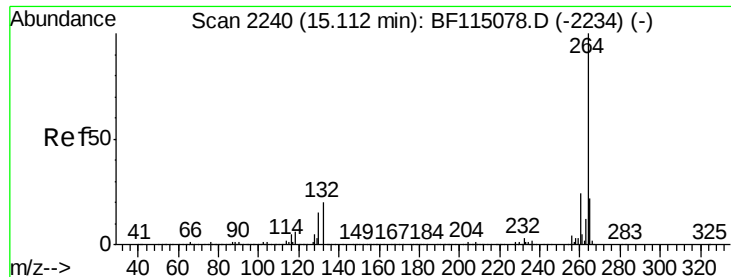
#86
Indeno(1,2,3-cd)pyrene
Concen: 30.841 ng
RT: 16.41 min Scan# 2461
Delta R.T. 0.03 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:276 Resp: 1430957
Ion Ratio Lower Upper
276 100
138 27.8 21.9 32.9
277 25.3 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

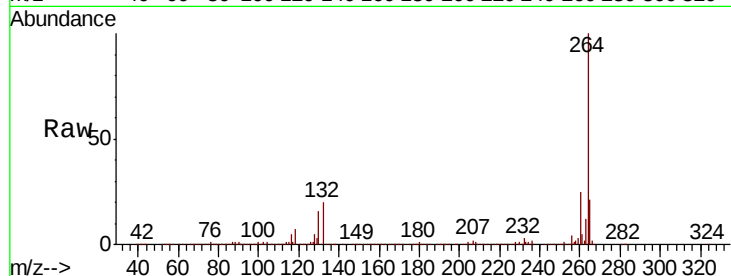




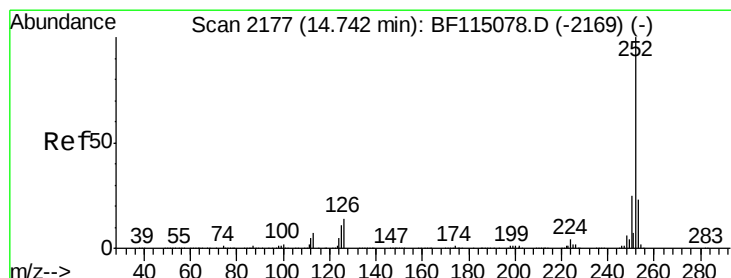
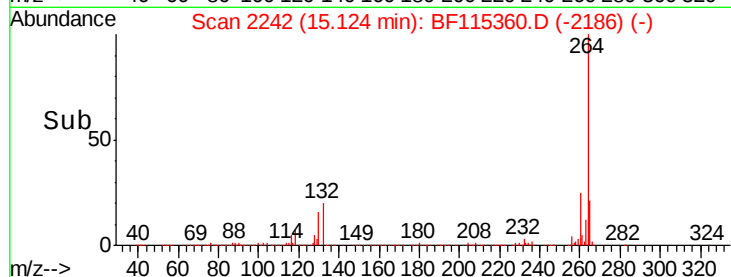
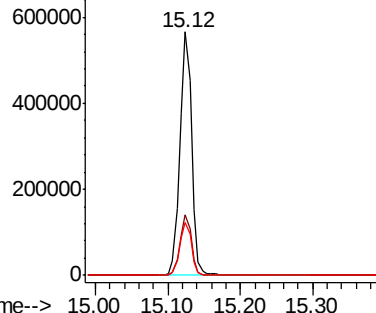
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.12 min Scan# 2242
Delta R.T. 0.03 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 637125
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 21.5 18.2 27.2

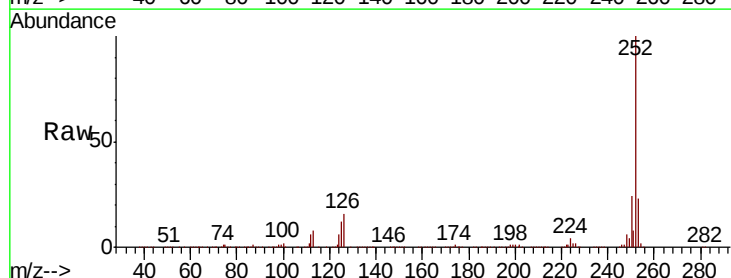


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

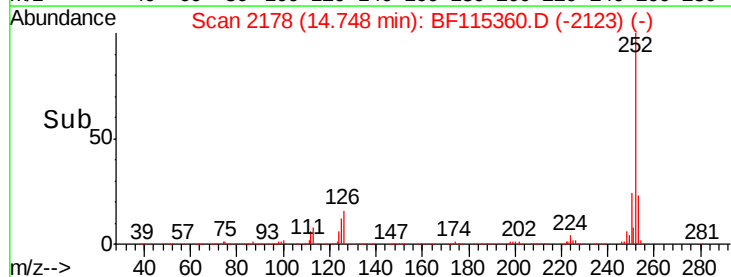
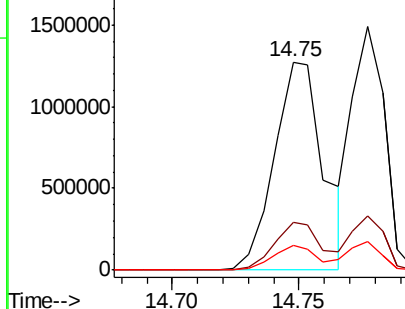


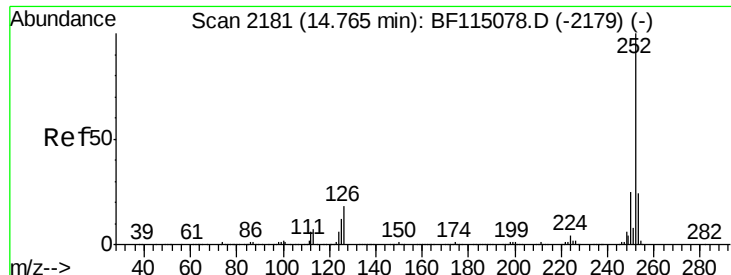
#88
Benzo(b)fluoranthene
Concen: 43.376 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.02 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:252 Resp: 1724411
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 11.7 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

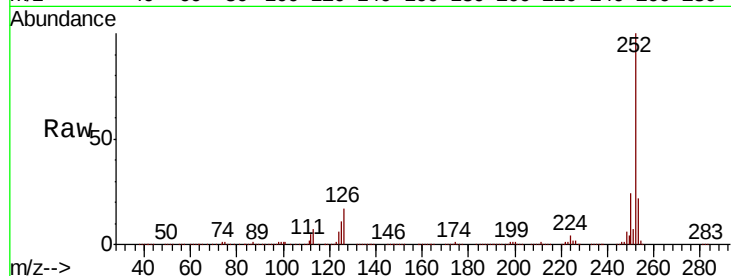




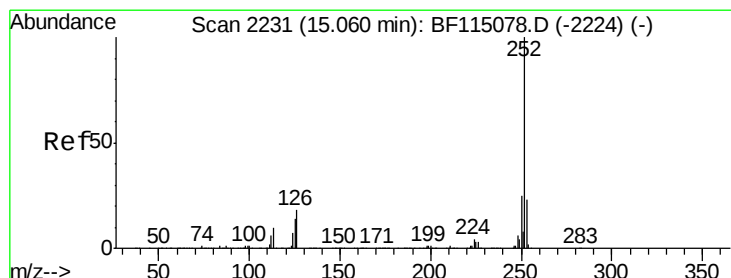
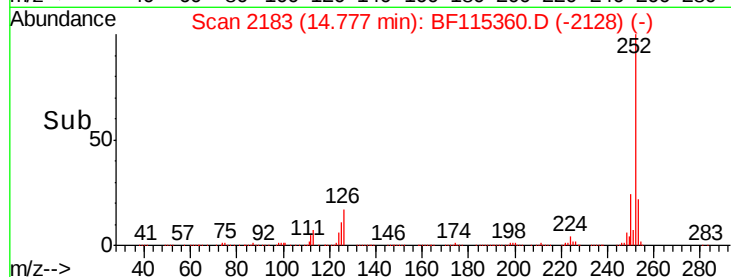
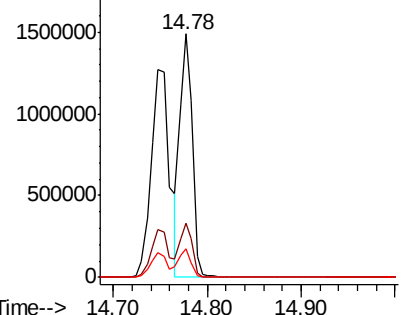
#89
Benzo(k)fluoranthene
Concen: 37.958 ng
RT: 14.78 min Scan# 2183
Delta R.T. 0.02 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1353276
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.5 8.7 13.1

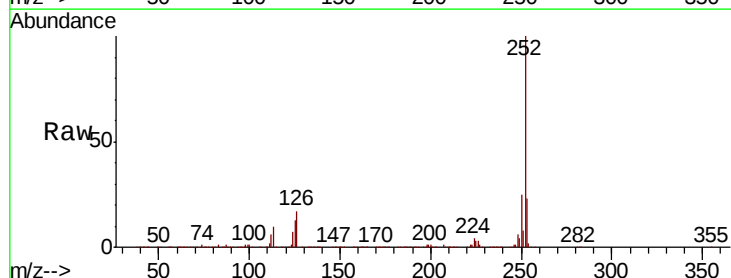


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

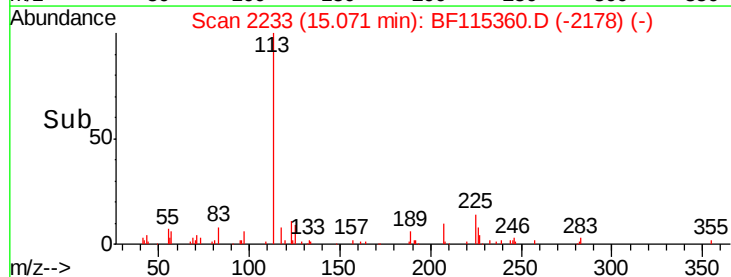
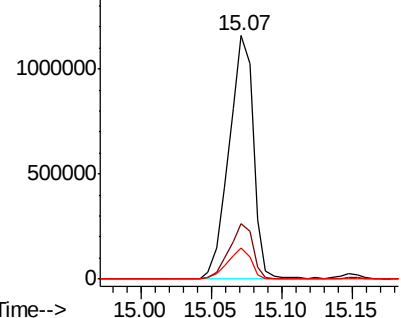


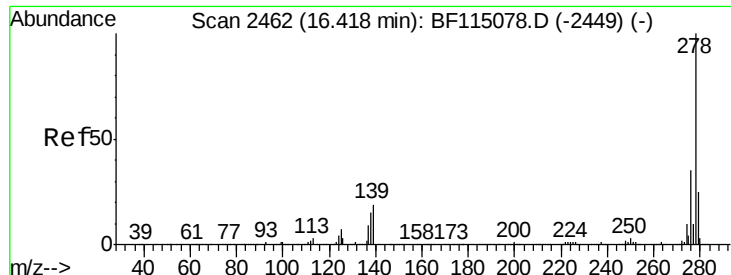
#90
Benzo(a)pyrene
Concen: 39.136 ng
RT: 15.07 min Scan# 2233
Delta R.T. 0.02 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:252 Resp: 1402305
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 12.9 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

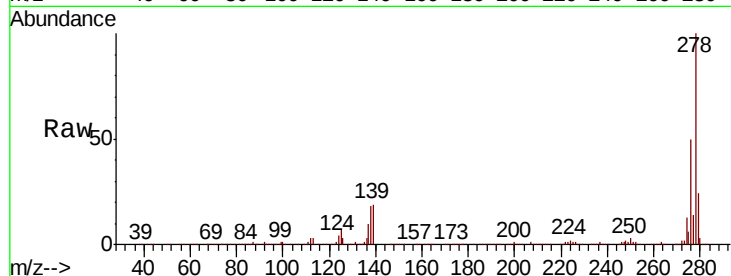




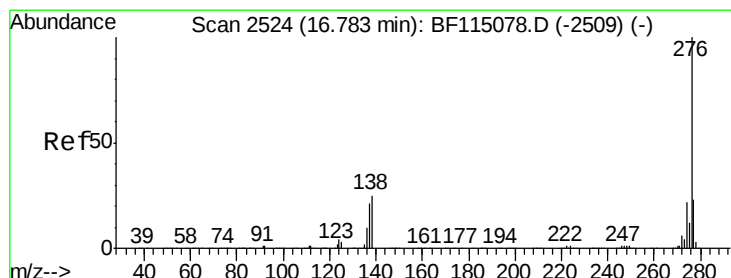
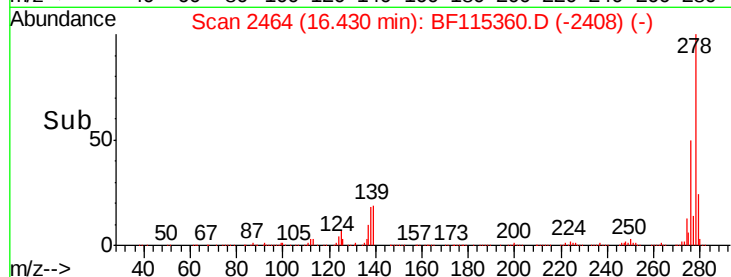
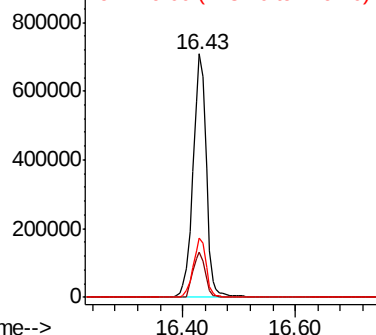
#91
Dibenzo(a,h)anthracene
Concen: 34.603 ng
RT: 16.43 min Scan# 2464
Delta R.T. 0.03 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1157515
Ion Ratio Lower Upper
278 100
139 18.6 14.2 21.2
279 24.2 19.5 29.3

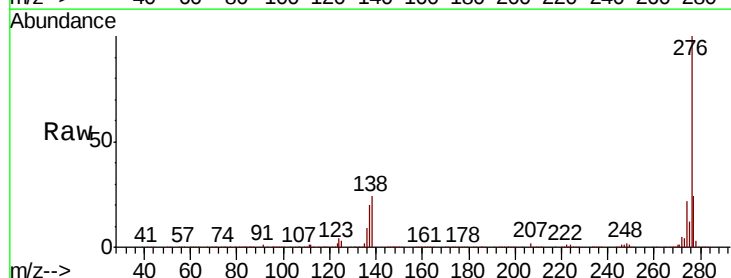


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.398 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF115360.D
Acq: 2 Jul 2019 15:02

Tgt Ion:276 Resp: 1164581
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 23.8 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

